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# CORNELL UNIVERSITY OFFICIAL PUBLICATION

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*Announcement of*  
**The Medical College**  
1938-39

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NEW YORK CITY

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## CALENDAR

1938

September 19	Monday.	Examinations begin for conditioned students.
September 21	Wednesday.	Registration Day.*
September 22	Thursday.	Instruction begins for all classes.**
November 8	Tuesday.	Election Day. Holiday.
November 19	Saturday.	First quarter ends, 1 p.m.
November 21	Monday.	Second quarter begins, 9 a.m.
November 23	Wednesday.	Thanksgiving recess begins, 5 p.m.
November 28	Monday.	Thanksgiving recess ends, 9 a.m.
December 10	Saturday.	First trimester ends, 1 p.m.
December 12	Monday.	Second trimester begins, 9 a.m.
December 23	Friday.	Christmas recess begins, 5 p.m.
January 3	Tuesday.	Christmas recess ends, 9 a.m.
January 28	Saturday.	Second quarter ends, 1 p.m.
January 30	Monday.	Third quarter begins, 9 a.m.
February 22	Wednesday.	Washington's Birthday. Holiday.
March 4	Saturday.	Second trimester ends, 1 p.m.
March 6	Monday.	Third trimester begins for third year students, 9 a.m.
March 13	Monday.	Third trimester begins for first and second year students, 9 a.m.
March 25	Saturday.	Third quarter ends, 1 p.m.
March 27	Monday.	Fourth quarter begins, 9 a.m.
April 6	Thursday.	Easter recess begins, 5 p.m.
April 10	Monday.	Easter recess ends, 9 a.m.
May 25	Thursday.	Instruction ends for third and fourth year students, 5 p.m.
May 27	Saturday.	Instruction ends for first and second year students, 1 p.m.
Monday, May 29-Saturday, June 3rd, incl. Final examinations (May 30th Holiday).		
June 7	Wednesday.	Commencement, 4 p.m.

\*All students must register in person at the Administrative Office on or before September 21st. No student will be admitted after Registration Day without special permission of the Dean. Upon registration, all fees must be paid at the Business Office.

\*\*The first, second and third years of the medical course are divided into trimesters, the fourth into quarters.

## BOARD OF TRUSTEES

The President of the University . . . . .	} <i>Ex-Officio</i>	Ithaca
The Governor of New York State . . . . .		Albany
The Lieutenant-Governor of New York State . . . . .		Albany
The Speaker of the Assembly . . . . .		Albany
The State Commissioner of Education . . . . .		Albany
The State Commissioner of Agriculture . . . . .		Albany
The President of the State Agricultural Society . . . . .		Albany
The Librarian of the Cornell (City) Library . . . . .		Ithaca
CHARLES EZRA CORNELL . . . . .		Ithaca
*JERVIS LANGDON . . . . . (B)		Elmira
*HARPER SIBLEY . . . . . (B)		Rochester
*WALTER C. TEAGLE . . . . . (B)		New York
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ANDREW J. WHINERY . . . . . (A)		Newark, N. J.
HORACE WHITE . . . . . (G)		Syracuse
FRANK H. HISCOCK . . . . . (B)		Syracuse
NICHOLAS H. NOYES . . . . . (B)		Indianapolis, Ind.
J. DuPRATT WHITE . . . . . (B)		New York
MAURICE C. BURRITT . . . . . (A)		Hilton
ROBERT E. TREMAN . . . . . (A)		Ithaca
STANTON GRIFFIS . . . . . (G)		New York
NEAL D. BECKER . . . . . (B)		Brooklyn
BANCROFT GHERARDI . . . . . (B)		New York
ROGER H. WILLIAMS . . . . . (B)		New York
MARY H. DONLON . . . . . (A)		New York
ALFRED H. HUTCHINSON . . . . . (A)		Chicago, Ill.
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HOWARD E. BABCOCK . . . . . (Gr)		Ithaca
FRANK E. GANNETT . . . . . (B)		Rochester
FRANKLIN W. OLIN . . . . . (B)		Alton, Ill.
EZRA B. WHITMAN . . . . . (B)		Baltimore, Md.
THOMAS I. S. BOAK . . . . . (A)		New Haven, Conn.
GEORGE H. ROCKWELL . . . . . (A)		Cambridge, Mass.
MYRON C. TAYLOR . . . . . (G)		New York

### FACULTY REPRESENTATIVES

HERBERT H. WHETZEL (January 1, 1939) . . . . .	Ithaca
ROBERT S. STEVENS (January 1, 1940) . . . . .	Ithaca
DONALD ENGLISH (January 1, 1941) . . . . .	Ithaca

\*Term of office expires in 1939, the next group of six in 1940, etc. B, elected by the Board; A, elected by the Alumni; G, appointed by the Governor; Gr., elected annually by the State Grange.

## THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Association was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Association is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Trustees of Cornell University and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

HENRY G. BARBEY, *Chairman*

FRANK L. POLK

WILLIAM WOODWARD

EDMUND E. DAY

J. DUPRATT WHITE

WALTER L. NILES

J. PIERPONT MORGAN

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical College Association."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital the sum of \$\_\_\_\_\_."

If for the use of the College, the language may be: "I give and bequeath to Cornell University the sum of \$\_\_\_\_\_ for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

## MEDICAL COLLEGE COUNCIL

The Council was established by action of the Trustees of Cornell University for the purpose of making recommendations to the Board of Trustees or the Executive Committee in relation to the business management of the Medical College. It is composed of the President of the University, the Provost of the University, the Dean of the Medical College, four members of the Board of Trustees elected by the Trustees, and two members of the Medical Faculty elected by the Faculty.

The Council at present consists of the following members:

EDMUND EZRA DAY, President of Cornell University, *Chairman*,  
*ex-Officio*

WILLIAM S. LADD, Dean, Cornell University Medical College.

NEAL D. BECKER

HENRY R. ICKELHEIMER

MYRON C. TAYLOR

ROGER H. WILLIAMS

EUGENE L. OPIE

HENRICUS J. STANDER

EDWARD K. TAYLOR, *Secretary*.

} of the Board of Trustees.

} of the Faculty.

## OFFICERS OF ADMINISTRATION

EDMUND EZRA DAY, *President.*

WILLIAM S. LADD, *Dean.*

DAYTON J. EDWARDS, *Assistant Dean.*

J. S. FERGUSON, *Secretary of the Faculty.*

DOROTHY GILL, *Recorder.*

EDWARD K. TAYLOR, *Secretary of Council and Business Manager.*

JOSEPHINE G. NICHOLS, *Librarian.*



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EUGENE F. DU BOIS  
VINCENT DU VIGNEAUD  
GEORGE J. HEUER  
JOSEPH C. HINSEY  
WILLIAM S. LADD

SAMUEL Z. LEVINE  
JAMES M. NEILL  
EUGENE L. OPIE  
WILSON G. SMILLIE  
HENRICUS J. STANDER  
CHARLES R. STOCKARD

## STANDING COMMITTEES\*

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GEORGE J. HEUER, *Chairman*

WILSON G. SMILLIE

HENRICUS J. STANDER

CHARLES R. STOCKARD

COMMITTEE ON ADMISSIONS

DAYTON J. EDWARDS, *Chairman*

WILLIAM DEW. ANDRUS

HERBERT F. TRAUT

LIBRARY COMMITTEE

JAMES M. NEILL, *Chairman*

WILLIAM DEW. ANDRUS

RICHARD W. JACKSON

D. MURRAY ANGEVINE

ANDREW A. MARCHETTI

GEORGE W. HENRY

JOSE F. NONIDEZ

JOSEPH C. HINSEY

HENRY B. RICHARDSON

MRS. JOSEPHINE G. NICHOLS

COMMITTEE ON PROMOTION AND GRADUATION

WILLIAM S. LADD, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

COMMITTEE ON SCHOLARSHIPS AND PRIZES

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COMMITTEE ON POLK PRIZES IN RESEARCH

N. CHANDLER FOOT, *Chairman*

JOSE F. NONIDEZ

RICHARD W. JACKSON

EPHRAIM SHORR

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\*The Dean is ex-officio a member of all Committees.

## THE FACULTY

EDMUND EZRA DAY, President of Cornell University.

S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont;  
1937, Dartmouth, Harvard, Pennsylvania, and Syracuse.

LIVINGSTON FARRAND, President Emeritus.

A.B. 1888, A.M. 1891, Princeton; M.D. 1891, Columbia; Ph.D. hon. 1924, Rensselaer; L.H.D. 1922, Hobart; LL.D. 1914 Colorado College and Denver, 1917 Michigan, 1919 Colorado, 1922 Union, Princeton and Colgate, 1923 Yale, 1925 Pennsylvania and Dartmouth, 1927 Toronto, 1929 Columbia, 1934 Syracuse, 1935 Lafayette, 1936 Williams.

WILLIAM S. LADD, Dean.

B.S. 1910, Amherst; M.D. 1915, Columbia.

### PROFESSORS EMERITI

J. CLIFTON EDGAR, M.D.	Professor of Obstetrics.
GEORGE WOOLSEY, M.D.	Professor of Clinical Surgery.
IRVING S. HAYNES, M.D.	Professor of Clinical Surgery.
JOHN ROGERS, M.D.	Professor of Clinical Surgery.
FREDERICK WHITING, M.D.	Professor of Clinical Surgery, (Otology).
CHARLES L. GIBSON, M.D.	Professor of Surgery.
WILLIAM L. RUSSELL, M.D.	Professor of Psychiatry.
GEORGE GRAY WARD, M.D.	Professor of Obstetrics and Gynecology.
ROBERT A. HATCHER, M.D.	Professor of Pharmacology.
EDWARD L. KEYES, M.D.	Professor of Clinical Surgery, (Urology).
JOHN A. HARTWELL, M.D.	Professor of Clinical Surgery.
WILLIAM J. ELSEY, M.D.	Professor of Applied Pathology and Bacteriology.

### PROFESSORS

JAMES EWING, Professor of Oncology.

Director of Cancer Research, Memorial Hospital.

Consulting Pathologist, New York Hospital.

A.B. 1888, A.M. 1891, Sc.D. 1923, Amherst; M.D. 1891, Columbia; Sc.D. 1911, Pittsburgh.

CHARLES R. STOCKARD, Professor of Anatomy.

Director, Experimental Morphology Station.

B.S. 1899, M.S. 1901, Mississippi Agr. and Mech. College; Ph.D. 1906, Columbia;  
Sc.D. 1920, Cincinnati; M.D. 1922, Wurzburg.

EUGENE F. DU BOIS, Professor of Medicine.

Physician-in-Chief, New York Hospital.

Consulting Physician, Bellevue Hospital.

A.B. 1903, Harvard; M.D. 1906, Columbia.

JOHN C. TORREY, Professor of Epidemiology.

A.B. 1898, Sc.D. 1922, Vermont; Ph.D. 1902, Columbia.

HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.

Obstetrician- and Gynecologist-in-Chief, New York Hospital.  
Chief Obstetrician, Berwind Maternity Clinic.

M.S. 1916, Arizona; M.D. 1921, Yale.

GEORGE J. HEUER, Professor of Surgery.

Surgeon-in-Chief, New York Hospital.

B.S. 1903, Wisconsin; M.D. 1907, Johns Hopkins.

EUGENE L. OPIE, Professor of Pathology.

Pathologist, New York Hospital.

A.B. 1893, M.D. 1897, Johns Hopkins; Sc.D. 1931, Yale.

JAMES M. NEILL, Professor of Bacteriology and Immunology.

B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College.

OSKAR DIETHELM, Professor of Psychiatry.

Psychiatrist-in-Chief, New York Hospital.

Staatsexamen 1922, University of Zurich Medical School.

SAMUEL Z. LEVINE, Professor of Pediatrics.

Pediatrician-in-Chief, New York Hospital.

A.B. 1916, College of the City of New York; M.D. 1920, Cornell.

JOSEPH C. HINSEY, Professor of Physiology.

B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

A.B. 1908, Colorado College, M.D. 1912, D.P.H. 1916, Harvard.

JOSE F. NONIDEZ, Professor of Anatomy.

M.S. 1913, Sc.D. 1914, Madrid.

VINCENT DU VIGNEAUD, Professor of Biochemistry.

B.S. 1923, M.S. 1924, Illinois, Ph.D. 1927, Rochester.

LEWIS A. CONNER, Professor of Clinical Medicine.

Consulting Physician, New York, Bellevue, and Memorial Hospitals.

Ph.B. 1887, Yale; M.D. 1890, Columbia.

OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.

Attending Pediatrician, New York Hospital.

B.S. 1901, Alabama Polytechnic Institute; M.D. 1905, Johns Hopkins.

WALTER L. NILES, Professor of Clinical Medicine.

Attending Physician, New York Hospital; Consulting Physician, Bellevue and Memorial Hospitals.

M.D. 1902, Cornell.

- HANS J. SCHWARTZ**, Professor of Clinical Medicine (Dermatology).  
Attending Physician, Dermatology, New York Hospital; Consulting Physician, Memorial Hospital.  
M.D. 1898, McGill.
- HARRY M. IMBODEN**, Professor of Clinical Radiology.  
Consulting Radiologist, New York and Memorial Hospitals.  
A.B. 1899, Lebanon Valley; M.D. 1903, Jefferson.
- MALCOLM GOODRIDGE**, Professor of Clinical Medicine.  
Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital.  
A.B. 1894, Princeton; M.D. 1898, Columbia.
- POL N. CORYLLOS**, Professor of Clinical Surgery.  
A.B., M.D. 1901, Athens; B.S., M.S., M.D. 1914, Paris.
- FOSTER KENNEDY**, Professor of Clinical Neurology.  
Attending Physician, New York Hospital; Visiting Physician in charge of Neurological Service, Bellevue Hospital; Consulting Neurologist, Memorial Hospital.  
M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin.
- JOSHUA E. SWEET**, Professor of Experimental Surgery.  
A.B. 1897, A.M. 1900, Sc.D. 1922, Hamilton; M.D. 1901, Giessen.
- BERNARD SAMUELS**, Professor of Clinical Surgery (Ophthalmology).  
Attending Surgeon, Ophthalmology, New York Hospital.  
M.D. 1907, Jefferson.
- CHARLES E. FARR**, Professor of Clinical Surgery.  
Attending Surgeon, New York Hospital.  
A.B. 1898, M.D. 1903, Yale.
- EUGENE H. POOL**, Professor of Clinical Surgery.  
Senior Attending Surgeon, New York Hospital.  
A.B. 1895, Harvard; M.D. 1899, Columbia.
- HENRY H. M. LYLE**, Professor of Clinical Surgery.  
Attending Surgeon, St. Luke's Hospital.  
M.D. 1900, Columbia.
- WILLIAM R. WILLIAMS**, Professor of Clinical Medicine.  
Consulting Physician, New York Hospital.  
A.B. 1889, A.M. 1892, Williams; M.D. 1895, Columbia.
- JOSEPH C. ROPER**, Professor of Clinical Medicine.  
Consulting Physician, New York Hospital.  
M.D. 1897, New York University Medical College; M.D. 1899, Cornell.
- NATHAN CHANDLER FOOT**, Professor of Surgical Pathology.  
Surgical Pathologist, New York Hospital.  
A.B. 1903, Harvard; M.D. 1907, Columbia.

- RUSSELL L. CECIL, Professor of Clinical Medicine.  
Associate Attending Physician, New York Hospital.  
A.B. 1902, Princeton; M.D. 1906, Medical College of Virginia.
- PHYLLIS GREENACRE, Professor of Clinical Psychiatry.  
Attending Psychiatrist, New York Hospital.  
B.S. 1913, University of Chicago; M.D. 1916, Rush.
- WILLIAM S. LADD, Dean; Professor of Clinical Medicine.  
Attending Physician, New York Hospital.  
B.S. 1910, Amherst; M.D. 1915, Columbia.
- CLARENCE O. CHENEY, Professor of Clinical Psychiatry.  
Consulting Psychiatrist, New York Hospital.  
A.B. 1908, M.D. 1911, Columbia.
- ALEXANDER R. STEVENS, Professor of Clinical Surgery (Urology).  
Attending Surgeon, Urology, New York Hospital; Visiting Surgeon in charge of Urological Service, Bellevue Hospital.  
A.B. 1896, M.D. 1903, Johns Hopkins.
- WILLIAM C. MUNLY, Lieut-Col. M.C., U. S. Army, Professor of Military Science and Tactics.

## ASSOCIATE PROFESSORS

- DAYTON J. EDWARDS, Assistant Dean; Associate Professor of Physiology.  
B.S. 1906, Maine; Ph.D. 1913, Columbia.
- CHARLES V. MORRILL, Associate Professor of Anatomy; Chairman of Group F. Graduate School.  
A.M. 1906, Ph.D. 1910, Columbia.
- JOHN R. CARTY, Associate Professor of Radiology, (Executive Officer).  
Radiologist, New York Hospital.  
B.S. 1917, Princeton; M.D. 1921, Cornell.
- HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology.  
Attending Obstetrician and Gynecologist, New York Hospital.  
B.S. 1917, Whitman; M.D. 1923, Johns Hopkins.
- WILLIAM DEWITT ANDRUS, Associate Professor of Surgery.  
Attending Surgeon, New York Hospital.  
A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins.
- HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.  
Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.  
A.B. 1910, M.D. 1914, Harvard.
- HAROLD J. STEWART, Associate Professor of Medicine.  
Attending Physician, New York Hospital.  
A.B. 1915, M.D. 1919, A.M. 1923, Johns Hopkins.

- GEORGE W. HENRY, Associate Professor of Psychiatry.  
Attending Psychiatrist, New York Hospital.  
A.B. 1912, Wesleyan; M.D. 1916, Johns Hopkins.
- JAMES A. HARRAR, Associate Professor of Clinical Obstetrics and Gynecology.  
Attending Obstetrician and Gynecologist, New York Hospital.  
M.D. 1901, University of Pennsylvania.
- MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.  
B.S. 1916, Ph.D. 1924, Cornell; A.M. 1917, Columbia.
- McKEEN CATTELL, Associate Professor of Pharmacology.  
B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard.
- CONNIE M. GUION, Associate Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell.
- LEWIS D. STEVENSON, Associate Professor of Clinical Neurology and Associate Professor of Neuropathology.  
Assistant Pathologist, Assistant Attending Physician, New York Hospital. Associate Visiting Physician, Bellevue Hospital.  
A.B. 1916, M.D. 1916, Queen's University.
- WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.  
Attending Surgeon, New York Hospital.  
A.B. 1914, University of Tennessee; M.D. 1918, Johns Hopkins.
- GEORGE PAPANICOLAOU, Associate Professor of Anatomy.  
M.D. 1904, Athens; Ph.D. 1910, Munich.
- R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.  
Attending Obstetrician and Gynecologist, New York Hospital.  
M.D.C.M. 1924, McGill.
- LOUIS F. HAUSMAN, Associate Professor of Clinical Neurology and Associate in Neuro-Anatomy.  
Associate Visiting Physician, Bellevue Hospital.  
A.B. 1912, College of the City of New York; M.D. 1916, Cornell.
- HAROLD G. WOLFF, Associate Professor of Medicine.  
Associate Attending Physician, New York Hospital.  
B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard.
- ROBERT A. MOORE, Associate Professor of Pathology.  
Associate Pathologist, New York Hospital.  
A.B. 1921, M.S. 1927, M.D. 1928, Ohio State; Ph.D. 1930, Western Reserve.
- JACOB FURTH, Associate Professor of Pathology.  
Assistant Pathologist, New York Hospital.  
M.D. 1921, German University, Prague.

**ASA L. LINCOLN**, Associate Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital; Visiting Physician and Director, Second Medical Division, Bellevue Hospital.

A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins.

**FRANK E. ADAIR**, Associate Professor of Clinical Surgery.  
Attending Surgeon and Executive Officer Medical Board, Memorial Hospital.

A.B. 1910, Sc.D. 1934, Marietta College; M.D. 1915, Johns Hopkins.

#### ASSISTANT PROFESSORS

**JOHN C. A. GERSTER**, Assistant Professor of Clinical Surgery.

A.B. 1902, M.D. 1905, Columbia.

**ARTHUR L. HOLLAND**, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital; Consulting Physician, Memorial Hospital.

M.D. 1897, New York University.

**ROBERT A. COOKE**, Assistant Professor of Clinical Medicine.

Assistant Attending Physician, New York Hospital.

A.B. 1900, A.M. 1904, Rutgers; M.D. 1904, Columbia.

**RALPH G. STILLMAN**, Assistant Professor of Medicine.

Clinical Pathologist, New York Hospital.

A.B. 1903, Yale; M.D. 1907, Columbia.

**CARY EGGLESTON**, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.

M.D. 1907, Cornell.

**GUILFORD S. DUDLEY**, Assistant Professor of Clinical Surgery.

Associate Attending Surgeon, New York Hospital; Visiting Surgeon and Director, Second Surgical Division, Bellevue Hospital.

A.B. 1910, M.D. 1913, Cornell.

**GEORGE W. WHEELER**, Assistant Professor of Medicine.

Clinical Bacteriologist, New York Hospital.

M.D. 1907, Cornell.

**HAROLD E. B. PARDEE**, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

A.B. 1906, M.D. 1909, Columbia.

**WALTER C. KLOTZ**, Assistant Professor of Public Health and Preventive Medicine.

Director, Out-Patient Department, New York Hospital.

M.D. 1898, Columbia.

ARTHUR PALMER, Assistant Professor of Clinical Surgery (Otolaryngology).

Associate Attending Surgeon, Otolaryngology, New York Hospital.

A.B. 1911, Brown; M.D. 1915, Cornell.

MORRIS K. SMITH, Assistant Professor of Clinical Surgery.

Attending Surgeon, St. Luke's Hospital.

A.B. 1907, A.M. 1911, M.D. 1911, Dartmouth.

HERVEY C. WILLIAMSON, Assistant Professor of Clinical Obstetrics and Gynecology.

Attending Obstetrician and Gynecologist, New York Hospital.

M.D. 1908, New York University.

WILLIAM H. CHAMBERS, Assistant Professor of Physiology.

B.S. 1915, M.S. 1917, Illinois; Ph.D. 1920, Washington University.

HARRY GOLD, Assistant Professor of Pharmacology.

A.B. 1919, M.D. 1922, Cornell.

HOWARD S. JECK, Assistant Professor of Clinical Surgery (Urology).

Assistant Attending Surgeon, Urology, New York Hospital;

Associate Visiting Surgeon, Department of Urology, Bellevue Hospital.

Ph.B. 1904, Yale; M.D. 1909, Vanderbilt.

RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.

Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital.

A.B. 1914, Georgia; M.D. 1918, Harvard.

GERVAIS W. MCAULIFFE, Assistant Professor of Clinical Surgery (Otolaryngology).

Assistant Attending Surgeon, Otolaryngology, New York Hospital.

M.D. 1920, Long Island College Hospital.

PAUL REZNIKOFF, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.

B.S. 1916, New York University; M.D. 1920, Cornell.

EDWARD CUSSLER, Assistant Professor of Clinical Medicine.

Associate Attending Physician, New York Hospital.

M.D. 1904, Columbia.

SEWARD ERDMAN, Assistant Professor of Clinical Surgery.

Attending Surgeon, New York Hospital.

A.B. 1897, Princeton; M.D. 1902, Columbia.

JOHN A. VIETOR, Assistant Professor of Clinical Surgery.

Associate Attending Surgeon, New York Hospital.

A.B. 1907, Yale; M.D. 1911, Columbia.



- BRUCE WEBSTER, Assistant Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital.  
M.D.C.M. 1925, McGill.
- SYDNEY WEINTRAUB, Assistant Professor of Clinical Radiology.  
Assistant Radiologist, New York Hospital.  
M.D. 1918, Columbia.
- MAY G. WILSON, Assistant Professor of Clinical Pediatrics.  
Associate Attending Pediatrician, New York Hospital.  
A.B. 1907, Hunter; M.D. 1911, Cornell.
- LUCIUS A. WING, Assistant Professor of Clinical Obstetrics and Gynecology.  
Associate Attending Obstetrician and Gynecologist, New York Hospital.  
A.B. 1903, Ohio State; M.D. 1907, Cornell.
- CARL A. BINGER, Assistant Professor of Clinical Medicine (Psychiatry).  
Assistant Attending Physician, New York Hospital.  
A.B. 1910, M.D. 1914, Harvard.
- RICHARD W. JACKSON, Assistant Professor of Biochemistry.  
B.S. 1922, Eureka College; M.S. 1923, Ph.D. 1925, Illinois.
- JULES FREUND, Assistant Professor of Pathology.  
Assistant Pathologist, New York Hospital.  
M.D. 1913, University Medical School, Budapest.
- EPHRAIM SHORR, Assistant Professor of Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1919, M.D. 1922, Yale.
- JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.  
Associate Attending Obstetrician and Gynecologist, New York Hospital.  
A.B. 1902, Princeton; M.D. 1908, Cornell.
- JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.  
Associate Attending Pediatrician, New York Hospital.  
A.B. 1902, Princeton; M.D. 1906, Columbia.
- PHILIP M. STIMSON, Assistant Professor of Clinical Pediatrics.  
Associate Attending Pediatrician, New York Hospital; Attending Physician, Willard Parker Hospital.  
A.B. 1910, Yale; M.D. 1914, Cornell.
- RALPH F. BOWERS, Assistant Professor of Clinical Surgery.  
Associate Attending Surgeon, New York Hospital.  
A.B. 1921, M.D. 1925, Johns Hopkins.

- IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).  
Assistant Attending Surgeon, New York Hospital.  
B.S. 1915, College of the City of New York; M.D. 1918, Cornell.
- MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).  
Associate Attending Surgeon, New York Hospital.  
M.D. 1918, Long Island College Hospital.
- LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.  
Attending Physician, Memorial Hospital.  
A.B. 1915, M.D. 1918, Cornell.
- EDGAR MAYER, Assistant Professor of Clinical Medicine.  
Assistant Visiting Physician, Bellevue Hospital; Assistant Attending Physician, New York Hospital.  
A.B. 1909, College of the City of New York; M.D. 1913, Columbia.
- GEORGE T. PACK, Assistant Professor of Clinical Surgery.  
Attending Surgeon, Memorial Hospital.  
B.S. 1920, Ohio State; M.D. 1922, Yale.
- HENRY BEEUWKES, Assistant Professor of Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1902, M.D. 1906, Johns Hopkins.
- BYRON H. GOFF, Assistant Professor of Clinical Obstetrics and Gynecology.  
Attending Obstetrician and Gynecologist, New York Hospital.  
B.S. 1908, M.D. 1911, Pennsylvania.
- JOHN Y. SUGG, Assistant Professor of Bacteriology and Immunology.  
B.S. 1926, Ph.D. 1931, Vanderbilt.
- GERALD R. JAMEISON, Assistant Professor of Psychiatry.  
Associate Psychiatrist and Medical Director of the Payne Whitney Psychiatric Clinic, New York Hospital.  
M.D. 1918, Albany Medical College.
- HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital.  
B.S. 1917, Wesleyan University; M.D. 1921, Cornell.
- JOHN H. RICHARDS, Assistant Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital.  
M.D. 1905, Cornell.
- EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1919, Yale; M.D. 1923, Cornell.

- ROBERT A. PHILLIPS, Assistant Professor of Physiology.  
B.S. 1927, University of Iowa; M.D. 1929, Washington University.
- NELSON W. CORNELL, Assistant Professor of Clinical Surgery (Orthopedics).  
Associate Attending Surgeon, New York Hospital.  
A.M. 1918, M.D. 1921, Cornell.
- ADE T. MILHORAT, Assistant Professor of Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1924, Columbia University; M.D. 1928, Cornell.
- CHESTER L. YNTEMA, Assistant Professor of Anatomy.  
A.B. 1926, Hope College; Ph.D. 1930, Yale.
- ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.  
Associate Attending Pediatrician, New York Hospital.  
M.D. 1916, Tufts.
- HENRY W. FERRIS, Assistant Professor of Pathology.  
Assistant Pathologist, New York Hospital.  
B.A. 1921 Yale; M.D. 1925 Yale.
- D. MURRAY ANGEVINE, Assistant Professor of Pathology; Instructor in Medicine.  
Assistant Pathologist New York Hospital.  
B.S. 1916, Columbia; M.D. 1920, Cornell.
- PARKER DOOLEY, Assistant Professor of Pediatrics.  
Associate Attending Pediatrician, New York Hospital.  
B.S. 1923, Wesleyan University (Illinois); M.D. 1927, Johns Hopkins.
- THOMAS P. MAGILL, Assistant Professor of Bacteriology and Immunology.  
A.B. 1925, M.D. 1930, Johns Hopkins.
- HENRY JAMES SPENCER, Assistant Professor of Clinical Medicine.  
Associate Attending Physician, New York Hospital; Visiting Physician, Second Medical Division, Bellevue Hospital.  
A.B. 1907, Syracuse; A.M. 1908, Williams; M.D. 1913, Columbia.
- CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.  
Assistant Attending Physician, New York Hospital.  
A.B. 1922, University of California; M.A. 1923, University of California; M.D. 1926, Harvard.
- CARL H. SMITH, Assistant Professor of Clinical Pediatrics.  
Assistant Attending Pediatrician, New York Hospital.  
B.A. 1915, College of the City of New York; M.A. 1917, Columbia; M.D. 1922, Cornell.

JAMES H. WALL, Assistant Professor of Clinical Psychiatry.  
Psychiatrist to Out-Patients, New York Hospital.  
M.D. 1927, The Jefferson Medical College.

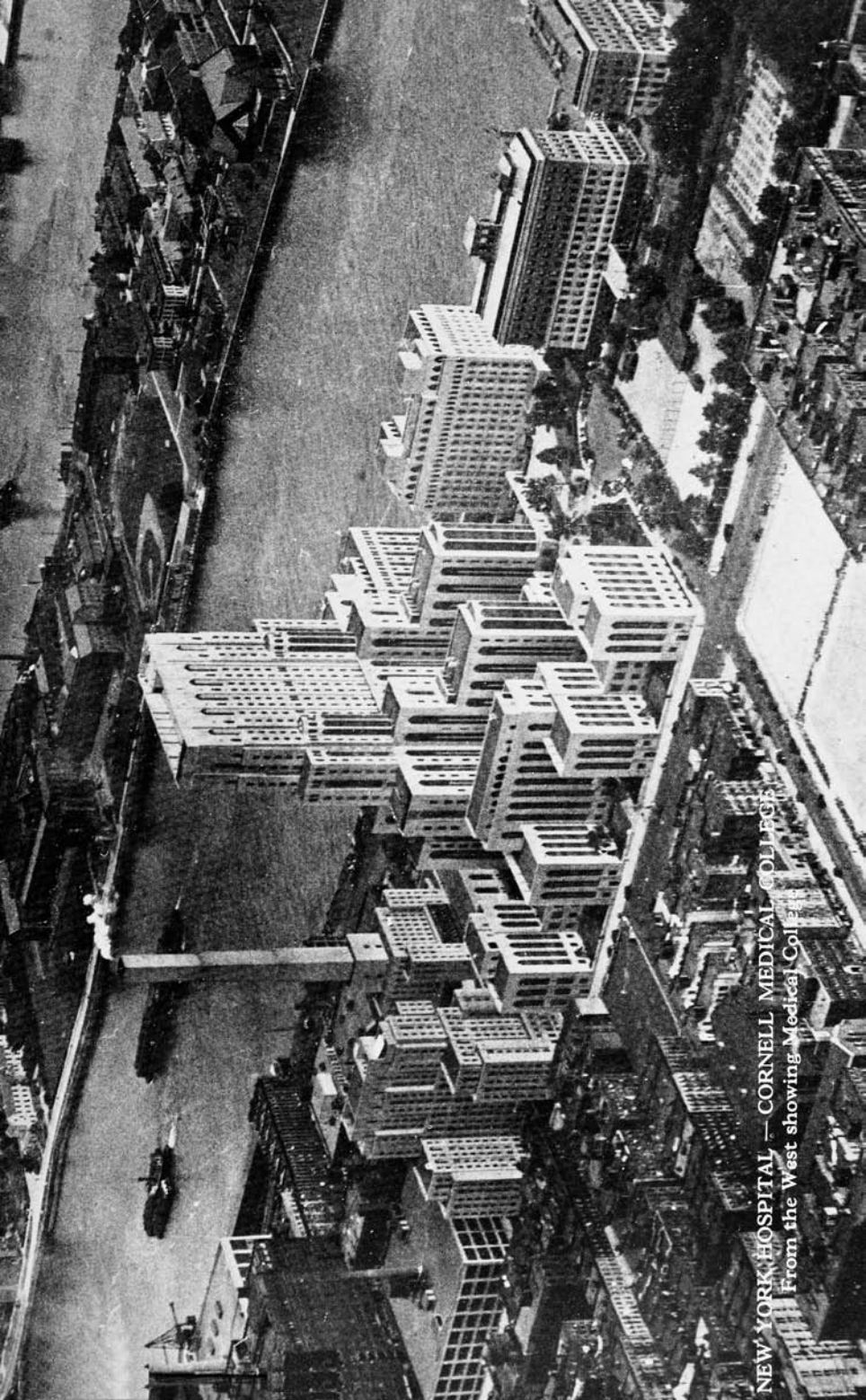
ANDREW A. MARCHETTI, Assistant Professor of Obstetrics and  
Gynecology.  
Associate Attending Obstetrician and Gynecologist, New York  
Hospital.  
A.B. 1924, University of Richmond, M.D. 1928, John Hopkins.

JEREMIAH S. FERGUSON, M.D., Secretary of the Faculty.

Two Views Showing  
NEW YORK HOSPITAL—CORNELL MEDICAL COLLEGE  
Between York Avenue and the East River  
New York City



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE  
From the East showing Hospital



NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE  
From the West showing Medical College





## GENERAL STATEMENT

### HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty, and appointed six professors. The medical college was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building of the medical college located at 28th Street and First Avenue, and pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the medical college admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities, the development of physicians of the best type and the extension of medical knowledge by means of research. The medical faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order, but also to study disease and the sciences underlying medicine in order to add to medical knowledge.

### THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital, have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the hospital and the medical college had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the hospital and of the medical college, the Joint Administrative Board was formed,

consisting of three representatives of each institution and a seventh member elected by those appointed by the hospital and by the university.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments, and includes approximately 1000 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The faculty of the medical college and the professional staff of the hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

### FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

**CORNELL MEDICAL COLLEGE.** Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; and the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C) joins the buildings B and D in the center and in this are the offices of the medical college, the library, and the department of pathology. This central building of the college is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the medical college on 69th Street.

In the main buildings of the medical college student laboratories and lecture rooms are provided on the second and third floors, and extensive

facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and faculty.

**NEW YORK HOSPITAL.** Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed-patients, its own out-patient department, lecture rooms and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed-patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialties. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,000 beds.

The head of each clinic, responsible for the care of patients and the conduct of the professional services of the hospital, is also professor in charge of the corresponding department of the medical college. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the college and hospital, while other members of these departments devote part of their time to private practice.

## OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other hospitals. In some of these hospitals the staff appointments are controlled by the medical college, while in others the teaching privileges have been granted to the members of the staffs who are also members of the medical college faculty.

**BELLEVUE HOSPITAL.** Bellevue is the central hospital of the New York City Department of Hospitals. It contains 2,300 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the faculty of Cornell University Medical College for medical instruction. The services conducted by the college include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service of approximately 60 beds each. The staffs of these services are nominated by the college from among the members of its faculty and

teaching staff, and the medical college is responsible for the professional conduct of these services.

**MEMORIAL HOSPITAL.** Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. According to an agreement between the Memorial Hospital and the College, the professional staff is named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

**THE JOHN E. BERWIND FREE MATERNITY CLINIC.** An affiliation having been consummated between the John E. Berwind Free Maternity Clinic and Cornell University Medical College, the medical direction of the clinic is placed under the control of the college. The medical staff, including the resident and house staffs, is appointed by the clinic only on nomination by the medical college.

Cornell students are assigned to the clinic for practical instruction under the direction of the Professor of Obstetrics and Gynecology.

When Cornell students have been provided for, vacancies in the student staff will be filled by appointment. Application for such assignments should be made to the Superintendent of the Clinic, 125 East 103rd Street, New York, N. Y.

**MANHATTAN STATE HOSPITAL, WARD'S ISLAND.** This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the Department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

**ST. LUKE'S HOSPITAL.** Teaching privileges have been granted for surgical instruction which is conducted under the direction of a professor in Cornell University Medical College who is an attending surgeon of St. Luke's Hospital. The surgical service of this splendid institution affords valuable opportunities for the study of surgery.

**WILLARD PARKER HOSPITAL.** Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the faculty and teaching staff who have the privilege of conducting medical instruction.

**LINCOLN HOSPITAL.** This unit of the New York City Department of Hospitals has a bed capacity of 233 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this

institution afford a valuable adjunct to the work in this part of the medical course.

**NEW YORK EYE AND EAR INFIRMARY.** This institution has the distinction of being the oldest specialty hospital in this country. Located at the same site, Second Avenue and Thirteenth Street, since 1856, it has built up a staff of high excellence and with its very large patient attendance averaging over 600 visits daily, unparalleled opportunities are offered for the teaching of these specialties. Through co-operative arrangements with our division of ophthalmology, fourth year students receive a part of their training in the wards and out-patient department of this hospital.

#### THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

This institute has been associated with Cornell University Medical College since 1913, through its affiliation with the Second Medical (Cornell) Division of Bellevue Hospital. It has supported research work in metabolism conducted by the members of the Department of Medicine. Dr. Eugene F. Du Bois, Professor of Medicine, is the medical director of the institute. The respiration calorimeter which was operated for a number of years by Dr. Du Bois at Bellevue Hospital has been transferred by the directors of the institute to the New York Hospital, and sufficient funds for carrying on the important metabolic studies of the staff have been provided by the institute.

#### THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the medical college. The current journals are kept in racks about three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the sub-basement with six floors of stacks and accommodations for about 100,000 volumes. There is also a library seminar room, and several rooms for the library staff.

The library contains at the present time about 24,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the medical college have libraries containing journals, monographs, and text books pertaining especially to the subject matter of the department. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the faculty, and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D., Cornell 1925, who died the year after his graduation, is used for the purchase of books of cultural and historic value in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

## REQUIREMENTS FOR ADMISSION AND GRADUATION

The faculty of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree in arts or science. Accordingly, only the following classes of candidates for the degree of Doctor of Medicine are admitted to Cornell University Medical College:

- I. Graduates of approved colleges or scientific schools; *or*
- II. Seniors in good standing in approved colleges or scientific schools upon condition that their faculty will permit them to substitute the first year in Cornell University Medical College for the fourth year of their college course, and will confer upon them the baccalaureate degree upon the satisfactory completion of the first year's work in medicine. No student admitted under this clause is permitted to enter the second year of the curriculum without having obtained a baccalaureate degree.

All candidates for admission shall have satisfactorily completed, in an approved college, the following basic courses, the majority of which are prescribed also as the minimum requirement for the issuance of a qualifying certificate by the New York State Education Department:

Biology.....	6 semester hours*
Including laboratory work	
Chemistry.....	12 semester hours
8 hours of inorganic, including qualitative analysis and	
4 hours of organic chemistry.	
English.....	6 semester hours
Modern language.....	6 semester hours
French or German	
Physics.....	6 semester hours
Including laboratory	

The group of subjects outlined above represent thirty-six credit hours which is probably sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

\*A semester hour is the credit value of at least sixteen weeks' work, consisting of one hour of lecture or recitation or two or more hours of laboratory work, per week.

The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject; likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. A reading knowledge of both German and French is highly recommended and if only one can be fitted into the college course, the student will find that German is the language he is called upon most frequently to use in scientific references. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical, and not of the pre-medical curriculum. In planning pre-medical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

### APPLICATIONS FOR ADMISSION

All applications and inquiries regarding admission are to be addressed to the Assistant Dean, from whom application forms may be obtained. Applications for admission should be submitted not later than January of the calendar year in which admission is desired, and should be followed promptly by an official transcript of the college record. A recent unmounted photograph of the applicant must be attached to each application.

All applicants, if requested, are required to present themselves *in person by appointment* at the office of the Assistant Dean at some time after their credentials have been submitted. Exception may be made in the case of applicants living at great distances.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. Candidates are notified as promptly as possible of the decision of the Committee. Accepted applicants are required to make a deposit of one hundred dollars within a specified time, usually about two weeks after notification of admission. This deposit is *not returnable*, but is credited toward the first tuition payment. If he fails to make this deposit within the time specified the applicant forfeits his place in the medical college.

A medical student's qualifying certificate, issued by the New York State Education Department signifying that its requirements have been met, must be secured before registration by each student accepted for admission. An application blank for the certificate with full instructions will be sent by the college to each student admitted.

### ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing under the following conditions:



Applications for advanced standing should be filed according to the procedure described for admission to the first year class, accepted applicants being required to make the deposit of one hundred dollars. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell University Medical College. They must also present a certificate of honorable dismissal from the medical school or schools they have attended.

Examinations may be required in any of the medical courses taken at another school.

### ADVANCEMENT AND EXAMINATIONS

Although the medical course comprises a large number of subjects distributed in four calendar years the student advances in the course in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given year of the course before taking up the next succeeding group of subjects, and to be *readmitted* to the medical college in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

At the close of the college session in June examinations are given in all subjects excepting those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose and his scholastic resourcefulness, as well as the results of the final examination.

At the close of the academic year a *final* rating is compiled for each student based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation, then reviewed and finally adopted by the Faculty. This final classification of student performance in the medical course is as follows:

1. Students with no encumbrances in any subjects are recorded as "passed".
2. Students with an unsatisfactory rating in 40% or more of the required hours in a given year are recorded as "not passed".
3. Students with an unsatisfactory rating in less than 40% of the required hours of a given year are recorded as "conditioned".

A rating of "passed" confers eligibility for re-admission into the medical college in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the profession of medicine. A rating of "not passed" carries ineligibility for re-admission into the medical college. A "conditioned" student has failures in certain required courses and he may be reexamined in these subjects, but only after pursuing additional work under the direction of the head

of the department in which a failure has occurred, through at least one term, or during a summer vacation.

Students who fail on re-examination are ineligible for re-admission into the medical college, unless under special circumstances, they are permitted by the Faculty to repeat courses in which failures have occurred. Students repeating any work may be forbidden by the Faculty to take all or some of the courses they would normally carry.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the medical college.

It is a well established policy of the medical college to make no announcement to students of grades received in any subject of the medical course.

### REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years, and be of good moral character. They must have spent at least four years of study as matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical curriculum, must have passed all prescribed examinations, and be free from indebtedness to the college. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

### EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

In New York State all credentials for admission to examinations for license should be filed with the State Education Department at least fifteen days before the examinations are held. In 1939 these examinations will be held in February, June, and September (dates to be announced) at New York, Albany, Syracuse, and Buffalo. For complete information write to The Secretary, Board of Medical Licensure, Albany, New York.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is accepted by the Surgeons-General of the Army and Public Health Service of the United States and by the boards of medical licensure of forty-two states, Puerto Rico, Hawaii, and the Canal Zone. This certificate is also recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to The National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.

## GENERAL INFORMATION

### FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York, N. Y.

**TUITION FEE** . . . . . \$500 per year.

This fee is payable at the beginning of the academic year or in two equal parts, in which case the first payment must be made at registration and the second on January 15. No refund or rebate will be made in any case.

An advance of \$100 on account of tuition is required of all applicants accepted for admission *and is not returnable*. At matriculation it is credited toward tuition.

**MATRICULATION FEE** . . . . . \$10

This fee is payable only once, on admission.

**OBSTETRICS FEE** . . . . . \$10

This is a special fee, payable at the beginning of the *third* year.

**GRADUATION FEE** . . . . . \$25

This fee is payable on registration for graduation.

**STUDENTS OF THE GRADUATE SCHOOL:**

For fees, see page 73.

**SPECIAL STUDENTS:**

For fees, see page 74.

**BREAKAGE DEPOSIT** . . . . . \$10

This deposit is required of first and second year students at the beginning of each academic year, and will be returned, less the amount charged for breakage, at the end of the year.

All students entering the medical college are required to provide themselves with satisfactory microscopes. Haemocytometers and haemoglobinometers will be required at the beginning of the third trimester of the second year. The necessary books are conservatively estimated to cost about \$75 per year.

All students should assure themselves that they can carry the financial burdens involved with reasonable certainty up to the time of graduation. Experience has proved that the student will need his entire time and undivided interest for study. It is unwise to depend upon earning any part of one's expenses during the college year. A student indebted to the college is ineligible for graduation.

## STUDENT HEALTH SERVICE

All members of the first year class and all students transferred from other colleges are required to have a thorough physical examination by a member of the student health staff. All students are reexamined at the end of their medical course, and an x-ray examination of the lungs is made yearly. Regular daily office hours are held by the Student Health Service staff. Students pay no fees for the services of this staff. Health records are kept and students are advised concerning their physical condition and general health. All cases of illness must be reported immediately to the college office. Students may have in attendance physicians of their own choice, but a reasonable amount of co-operation between such physicians and the college health service is expected. A woman physician on the staff is available for women students.

## SCHOLARSHIPS\*

1. THE JOHN METCALFE POLK SCHOLARSHIP. A gift under the will of William Mecklenberg Polk, the first Dean of the medical college is awarded annually by the faculty. The scholarship amounts to about \$200 a year.

2. THE THORNE SHAW SCHOLARSHIP FUND. This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the medical college.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the medical college.

These scholarships are awarded by the faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session, and public announcement is made at the opening of the subsequent session in September.

3. MARY F. HALL SCHOLARSHIP. The income, amounting to about \$120 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a *bona fide* resident of the State of New York and was such prior to admission to the college.

## PRIZES

1. FOR GENERAL EFFICIENCY. In commemoration of John Metcalfe Polk, an instructor in this college, who was graduated from Cornell University Medical College on June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University

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\*Scholarships are awarded primarily for merit, with need a secondary consideration.

Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. **FOR EFFICIENCY IN GYNECOLOGY.** Established by Mrs. W. M. Polk in memory of William Mecklenburg Polk, M.D., LL.D., Dean and Professor of Gynecology in Cornell University Medical College from its founding in 1898 until his death, June 23, 1918, annual prizes are awarded to three members of the senior class, in order of merit, for special distinction in gynecology. The first prize is \$125, the second \$75, and the third \$50.

3. **FOR EFFICIENCY IN OTOTOLOGY.** Two prizes, the first of \$50, the second of \$25, are offered by Professor Frederick Whiting to the two students of the graduating class who make the best records in otology.

4. **FOR EFFICIENCY IN OBSTETRICS.** Two prizes, the first of \$60, the second of \$30, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. **FOR EFFICIENCY IN GENERAL MEDICINE.** The income of \$1,000 is offered as a prize for general efficiency in the Department of Medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925, and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. **FOR EFFICIENCY IN RESEARCH.** In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the medical college, two prizes are offered to regularly matriculated students of the Cornell University Medical College, the first of \$200, and the second of \$50.

The awards are made annually at the opening exercises of the medical college in September for the best reports presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked, "Dean William Mecklenburg Polk Memorial Prize Committee", and must be in the Dean's Office not later than the first day of September.

The committee of awards for this prize consists of two members of the faculty from laboratory departments, and two from clinical departments.

## LOAN FUNDS

1. **THE 1923 LOAN FUND.** This fund amounts to \$400 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. **ALUMNI ASSOCIATION LOAN FUNDS.** The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan

Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The medical college is consulted in making these awards. Students in the upper classes will be given preference.

3. **STUDENT LOAN FUND.** A revolving fund founded by students in the medical college is available to members of the third and fourth year classes who are in need of assistance.

### ALPHA OMEGA ALPHA

Alpha Omega Alpha is a non-secret, Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by faculty advisers. Not more than one sixth of any class may be elected. As aspects of and indispensable to true scholarship come open-mindedness, individuality, originality, demonstration of studious attitude and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. Students are elected from the two upper classes in the fall of each year. A large number of the faculty are members and play an active part in the functions of the society, which comprise an initiation-dinner and occasional meetings and discussion groups. The Chapter also sponsors an annual open lecture delivered in the Medical School Auditorium on a cultural or historical phase of medicine.

### CORNELL UNIVERSITY MEDICAL COLLEGE ALUMNI ASSOCIATION, INC.

#### *Officers*

Samuel A. Cosgrove, '07	. . . . .	President
Preston A. Wade, '25	. . . . .	Vice-President
Kenneth Johnson, '15	. . . . .	Secretary
A. Parks McCombs, '29	. . . . .	Treasurer

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association. The dues are \$2 a year, starting one year after graduation. Besides an annual Alumni Day held at the College and followed by a banquet, the activities of the Association include a quarterly publication, student loan funds, employment bureau, and work by committees of senior advisers, sons and daughters of Alumni, and internships and residencies. The Association maintains an office at 1300 York Avenue.

## EDUCATIONAL POLICIES AND PLAN OF INSTRUCTION

The medical college is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human disease, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health and preventive medicine.

The heads of these major departments, together with the President of the University, and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the college.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of Medicine includes at least one, and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work, or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-four weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the college to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is therefore desirable for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course, but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, and psychobiology. It is divided into trimesters.

During the second year the required courses in physiology, pathology, bacteriology and immunology, pharmacology, psychiatry and medicine occupy the first two trimesters. The last is devoted to technical training preparatory to the study of patients, courses being given in the subjects of physical diagnosis, laboratory diagnosis, topographical anatomy, applied pharmacology, infant feeding, neurology and neuropathology, and ophthalmology.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third and fourth year classes meet at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

The details of the courses offered by each department are to be found in the departmental announcements.

*The faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.*



## ANATOMY

CHARLES R. STOCKARD, Professor of Anatomy.  
JOSE F. NONIDEZ, Professor of Anatomy.  
CHARLES V. MORRILL, Associate Professor of Anatomy.  
GEORGE PAPANICOLAOU, Associate Professor of Anatomy.  
CHESTER LOOMIS YNTEMA, Assistant Professor of Anatomy.  
LOUIS F. HAUSMAN, Associate in Neuro-Anatomy.  
WILLIAM T. JAMES, Associate in Anatomy.  
EMILIA M. VICARI, Research Associate in Anatomy.  
CHARLES S. APGAR, Instructor in Anatomy.  
WARNER S. HAMMOND, Instructor in Anatomy.  
WALTER R. SPOFFORD, Instructor in Anatomy.  
CHARLES D. VAN CLEAVE, Instructor in Anatomy.  
SAMUEL R. MAGRUDER, Assistant in Anatomy.  
PAUL O. SCHALLERT, Assistant in Anatomy.

### I. MORPHOLOGY

**STRUCTURE OF MAN.** This course considers the structure of the various organs and systems of the human body in the light of their variations and evolutions. The relationship of the parts, organs and systems is also explained by numerous facts gathered from experimental morphological studies on lower vertebrates.

The chief aim is to emphasize the idea that animal structures are constantly changing and varying, yet are so definite as to lend themselves to logical analysis.

Laboratory, 40 hours (elective), and demonstration conference, 22 hours (optional). Professor STOCKARD.

### II. EMBRYOLOGY AND HISTOLOGY

The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structure of all organs of the human body with the exception of the central nervous system (See Neuro-anatomy). Emphasis is laid on the relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made and opportunities are offered for acquiring the essentials of histological technique.

A part of the course is devoted to seminars on current literature.

Laboratory course and lectures, 196 hours, October to March. Required of all first year students. Professors NONIDEZ, PAPANICOLAOU, YNTEMA, and Assistants.

### III. NEURO-ANATOMY

A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 85 hours. Required of all first year students during the third term. Professor NONIDEZ and Dr. HAUSMAN.

### IV. GROSS ANATOMY OF THE HUMAN BODY

This is taught by means of laboratory exercises and dissections. The required work includes: (a) Dissection of the part. (b) Demonstrations, study and discussion upon dissected and prepared specimens, and from standard text-books.

Total laboratory hours, 400 (minimum). First and second terms of the first year.

Course 1. A DEMONSTRATION COURSE. Demonstrations upon the cadaver, models and dissected preparations amplifying the courses in dissection during the first and second terms of the first year. Optional for first year students.

Course 2. STUDY ROOM COURSE IN LIVE ANATOMY. Since the ultimate aim of dissection is to acquaint the student not merely with the arrangement of structures in the cadaver, but with the facts of the living body, this course follows as a natural sequence to the work of the dissecting room. Optional to first year students.

Course 3. DISSECTION REVIEW. The work gives an opportunity for advanced dissection. Optional to students of the second, third, or fourth years. Afternoons.

Course 4. TOPOGRAPHICAL ANATOMY. A study of the relations and topography of the parts of the body by means of frozen sections. Cleared preparations and living models are also used. Members of the class must submit a number of drawings made from the sections.

Laboratory, 30 hours. Required during the third trimester of the second year. Professors STOCKARD, MORRILL, and assistants.

### V. ELECTIVE COURSES

Course 1. PREPARATORY TO THE SPECIALTIES. These courses offer a thorough review of the embryology, histology and gross anatomy of the following organs and systems: (a) the eye; (b) the ear; (c) the face and neck, including especially the nose and accessory sinuses, the mouth and salivary glands, pharynx and larynx, thyroid, and parathyroid glands; (d) the genito-urinary system, male and female; (e) the brain and spinal cord; (f) the thorax and abdomen; (g) the extremities, especially the joints and their mechanics. Laboratory, 40 hours. Professor STOCKARD.

**COURSE 2. GENERAL HISTOLOGY.** This course will comprise a study of the various types of tissues which form the several organs of the vertebrate body. The structures will be studied not only from the mere morphological standpoint, but the various biological problems involved will be taken into consideration. The close relationship between structure and function will be elucidated.

Twenty lectures. Professor NONIDEZ.

**COURSE 3. THE ANATOMY OF THE INFANT.** A course of lectures amplified by demonstrations and the study of preparations.

Twenty demonstrations arranged for in advance. Professor STOCKARD.

**COURSE 4. DEVELOPMENTAL ARRESTS AND STRUCTURAL DEFICIENCIES.** A discussion of the imperfections in development which may occur during various periods from the maturation of the germ cells, fertilization of the egg on through embryonic and fetal development.

Fifteen lectures. Professor STOCKARD.

**COURSE 5. EXPERIMENTAL EMBRYOLOGY.** These lectures begin with the history of the subject and the various aspects of the problems concerned. The experimental analysis of embryological processes is then considered from several points of view.

Twenty lectures with conferences considering the recent literature of the subject. Professor STOCKARD.

**COURSE 6. REGIONAL ANATOMY.** This course will comprise a thorough review by means of dissections, demonstrations and reading of the gross anatomy, histology and development of selected regions of the body and of organs and organ systems.

Laboratory and demonstration, 3 half days a week for one month.

Associate Professor MORRILL and assistants.

**COURSE 7. ANATOMICAL RESEARCH.** To students desiring to pursue research in anatomical subjects the equipment of the entire department is available. Members of the staff will assign subjects and direct the progress of advanced work of this type. The work may be elected by students who enter with advanced credits, or by any student who has completed the preliminary courses in descriptive anatomy, histology and embryology. The course is also open to graduates in medicine or biology.

**OTHER ELECTIVES.** The Department of Anatomy will arrange a schedule of work to fit individual cases for a limited number of *fourth-year students* desiring to devote the major part or all of their elective time. Such work will be designed, in cases where sufficient time is available, to equip the student to become a laboratory assistant.

### COURSES OPEN TO SPECIAL STUDENTS

1. **EMBRYOLOGY.** September to March. Fee \$50. Details, page 37.

2. **HISTOLOGICAL TECHNIC.\*** Laboratory at least three hours daily and conferences with instructors. Fee \$30.

3 and 4. **GENERAL HISTOLOGY AND MICROSCOPICAL ANATOMY.** September to March. Fee \$50. Details on page 37.

\*Courses may be begun at any time.

5. DISSECTION.\* See Courses I-IV, page 38. Fee \$30 per term (ten weeks); or for the entire dissection, \$50.

6. NEURO-ANATOMY. March to May. Fee \$30. Details on page 38.

7. ANATOMICAL RESEARCH.\* Subject to special arrangement with the head of the department.

## BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.

RICHARD W. JACKSON, Assistant Professor of Biochemistry.

WILLIAM H. SUMMERSON, Instructor in Biochemistry.

JOSEPH P. CHANDLER, Instructor in Biochemistry.

JOHN L. WOOD, Research Assistant in Biochemistry.

GAIL LORENZ MILLER, Research Assistant in Biochemistry.

GEORGE W. IRVING, Research Fellow in Biochemistry.

JAY SCHENCK, Research Fellow in Biochemistry.

ARDEN W. MOYER, Research Fellow in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during each term includes lectures, laboratory work, and conferences. Considerable emphasis is laid upon quantitative laboratory procedure and upon collateral readings from the biochemical literature.

*First trimester.* The elements of physical chemistry as applied to biology and medicine, with emphasis upon the fundamental properties of electrolytes and colloids. 54 hours.

*Second trimester.* The characteristics and the determination of carbohydrates, fats, proteins, and purines, with special reference to their physiological importance and relationships. The chemistry of enzymes and of the digestive secretions and processes. 87 hours.

*Third trimester.* The chemistry of the blood and other tissues, milk, urine, vitamins, hormones, and of the intermediary metabolism of the various foodstuffs. 99 hours.

## ELECTIVE COURSES

The laboratory is open to students of any class who wish to pursue advanced work or research.

## COURSES OPEN TO SPECIAL STUDENTS

1. BIOCHEMISTRY. Fee \$25.00 a term.

2. RESEARCH WORK in Biochemistry.\* Hours and fees to be arranged with each student.

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\*Courses may be begun at any time.

## PHYSIOLOGY

JOSEPH C. HINSEY, Professor of Physiology.  
DAYTON J. EDWARDS, Associate Professor of Physiology.  
WILLIAM H. CHAMBERS, Assistant Professor of Physiology.  
ROBERT A. PHILLIPS, Assistant Professor of Physiology.  
KENDRICK HARE, Instructor in Physiology.  
CHARLES O. WARREN, JR., Instructor in Physiology.  
SAMUEL B. BARKER, Assistant in Physiology.  
JOHN MACLEOD, Assistant in Physiology.

*First year.* Lectures, laboratory, demonstrations, and conferences. Physiology of muscle and nerve, visceral nervous system, blood, circulation, digestion, excretion, and respiration. Laboratory work includes experiments on nerve and muscle, visceral nervous system, circulation, and digestion. 124 hours.

*Second Year.* Lectures, laboratory, demonstrations, and conferences. Physiology of metabolism, endocrines, sense organs, and central nervous system. Laboratory includes experiments on metabolism, excretion, blood, respiration, endocrines, sense organs, and central nervous system. 114 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor, Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, hand books, and text books and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

## ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

## COURSES OPEN TO SPECIAL STUDENTS

1. PHYSIOLOGY. Fee \$100 for each term.
2. PHYSIOLOGICAL RESEARCH. Subject to special arrangement with the head of the department.

## BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Assistant Professor of Bacteriology and Immunology.

THOMAS P. MAGILL, Assistant Professor of Bacteriology and Immunology.

EDWARD JAMES HEHRE, Assistant in Bacteriology and Immunology.

EVELYN JAFFE, Research Assistant in Bacteriology and Immunology.

The course given to second year students consists of lectures, laboratory work, and group conferences. Emphasis is placed upon the aspects of bacteriology and of immunology that are pertinent to an understanding of the infectious diseases. The course includes an analysis of the actual constituents of a number of important biological products in order to furnish a basis for interpretation of the value and the limitations of their uses in the treatment and prevention of infectious diseases. The study of material from patients is included in the laboratory part of the course, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. 143 hours.

## ELECTIVE COURSES

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to bacteriology and immunology.

## PATHOLOGY

EUGENE L. OPIE, Professor of Pathology.

JAMES EWING, Professor of Oncology.

ROBERT A. MOORE, Associate Professor of Pathology.

JACOB FURTH, Associate Professor of Pathology.

LEWIS D. STEVENSON, Associate Professor of Neuropathology.

D. MURRAY ANGEVINE, Assistant Professor of Pathology.

HENRY W. FERRIS, Assistant Professor of Pathology.

JULES FREUND, Assistant Professor of Pathology.

FRED W. STEWART, Associate in Pathology.

MILTON HELPERN, Instructor in Pathology.

CHARLES T. OLCOTT, Instructor in Pathology.

JOHN A. SAXTON, JR., Instructor in Pathology.

DOUGLAS B. REMSEN, Instructor in Pathology.

JORGE CASALS, Assistant in Pathology.

SIDNEY ROTHBARD, Assistant in Pathology.

JACOB WERNE, Assistant in Pathology.

## GENERAL PATHOLOGY

**FACILITIES.** The department of pathology occupies three floors of the central part of the college building, conveniently located above the library and in immediate contact with the hospital, the autopsy room being in the connecting wing between college and hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum and class rooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a very considerable amount of constantly changing gross material for student study.

The pathological service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at New York Hospital have been preserved since 1851 and in recent years protocols and microscopic slides have been carefully indexed and filed.

*Instruction.* The course of instruction is given in the second and third trimesters of the second year. Gross and histological lesions, their pathogenesis and correlation with disturbed function are studied; there are experiments, lectures, and class room demonstrations. These are supplemented by study of gross pathology at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systemic pathology including an introduction to neuropathology.

**Course I. GENERAL PATHOLOGY.** Laboratory work with lectures and gross and microscopical demonstrations. The work covers inflammation, degeneration, regeneration, infectious diseases, and tumors.

Required in the second trimester of the second year.

**Course II. SYSTEMATIC PATHOLOGY.** Laboratory work with lectures on the pathology of various organ systems.

Required in the second and third trimesters of the second year.

Total Courses I and II, 298 hours.

Professors OPIE, MOORE, FREUND, FURTH, and staff.

**Course III. NEUROPATHOLOGY.** The pathology of the nervous system is studied and altered structure and function correlated. Dr. STEVENSON.

**Course IV. INTRODUCTION TO THE CORRELATION OF CLINICAL MEDICINE, SURGERY, PHYSIOLOGY, and PATHOLOGY.** A course conducted by the Departments of Pathology, Medicine, Surgery, and Physiology

to illustrate the anatomy and physiology of disease observable in patients.

COURSE V. CLINICAL PATHOLOGICAL CONFERENCES. These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of disease are correlated with changes found at autopsy.

### ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

A clerkship of one month at Memorial Hospital, under the direction of Dr. James Ewing and Dr. Frank E. Adair, is open to senior students each month of the academic year. Instruction is offered in the pathology, diagnosis, and treatment of cancer and related diseases.

### COURSE OPEN TO STUDENTS OF THE GRADUATE SCHOOL

Opportunity is afforded a limited number of students to engage in research under the direction of a member of the department. The student must devote his entire time to work in pathology and related subjects. By special arrangement this work may be pursued at the Memorial Hospital in cancer research.

### PHARMACOLOGY

McKEEN CATTELL, Associate Professor of Pharmacology.

HARRY GOLD, Assistant Professor of Pharmacology.

ADE T. MILHORAT, Instructor in Pharmacology.

JANET TRAVELL, Instructor in Pharmacology.

WALTER MODELL, Assistant in Pharmacology.

COURSE I. SYSTEMATIC PHARMACOLOGY. Laboratory work, demonstrations, conferences, and lectures given during the first trimester of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. At a later conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, toxicological analysis, and prescription writing.



Course II. APPLIED PHARMACOLOGY. This course is given during the third trimester of the second year and is a continuation of Course I. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and deals with substances, the pharmacological action of which can best be demonstrated on human material. Emphasis is placed on investigations dealing directly with the human subject in health and disease. This part of the course has been arranged in collaboration with the Department of Medicine and makes use of the available clinical material.

Course III. RESEARCH. Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on muscle-nerve, autonomic nervous system, and the circulation. Elective.

## MEDICINE

EUGENE F. DU BOIS, Professor of Medicine.  
LEWIS A. CONNER, Professor of Clinical Medicine.  
WILLIAM R. WILLIAMS, Professor of Clinical Medicine.  
WALTER L. NILES, Professor of Clinical Medicine.  
MALCOLM GOODRIDGE, Professor of Clinical Medicine.  
JOSEPH C. ROPER, Professor of Clinical Medicine.  
RUSSELL L. CECIL, Professor of Clinical Medicine.  
WILLIAM S. LADD, Professor of Clinical Medicine.  
HAROLD J. STEWART, Associate Professor of Medicine.  
HAROLD G. WOLFF, Associate Professor of Medicine.  
CONNIE M. GUION, Associate Professor of Clinical Medicine.  
ASA L. LINCOLN, Associate Professor of Clinical Medicine.  
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.  
HENRY BEEUWKES, Assistant Professor of Medicine.  
ADE T. MILHORAT, Assistant Professor of Medicine.  
EPHRAIM SHORR, Assistant Professor of Medicine.  
RALPH G. STILLMAN, Assistant Professor of Medicine.  
GEORGE W. WHEELER, Assistant Professor of Medicine.  
HORACE S. BALDWIN, Assistant Professor of Clinical Medicine.  
ROBERT A. COOKE, Assistant Professor of Clinical Medicine.  
LLOYD F. CRAVER, Assistant Professor of Clinical Medicine.  
EDWARD CUSSLER, Assistant Professor of Clinical Medicine.  
CARY EGGLESTON, Assistant Professor of Clinical Medicine.  
CLAUDE E. FORKNER, Assistant Professor of Clinical Medicine.  
ARTHUR L. HOLLAND, Assistant Professor of Clinical Medicine.  
EDGAR MAYER, Assistant Professor of Clinical Medicine.  
HAROLD E. B. PARDEE, Assistant Professor of Clinical Medicine.  
PAUL REZNIKOFF, Assistant Professor of Clinical Medicine.  
JOHN H. RICHARDS, Assistant Professor of Clinical Medicine.  
HENRY JAMES SPENCER, Assistant Professor of Clinical Medicine.  
EDWARD TOLSTOI, Assistant Professor of Clinical Medicine.  
BRUCE WEBSTER, Assistant Professor of Clinical Medicine.

HARRY A. BRAY, Lecturer in Tuberculosis.  
D. MURRAY ANGEVINE, Instructor in Medicine.  
JOHN E. DEITRICK, Instructor in Medicine.  
ALFRED FLEISHMAN, Instructor in Medicine.  
RICHARD G. HAHN, Instructor in Medicine.  
MARY E. H. LOVELESS, Instructor in Medicine.  
WALSH McDERMOTT, Instructor in Medicine.  
ROBERT F. WATSON, Instructor in Medicine.  
ELISABETH C. ADAMS, Instructor in Clinical Medicine.  
ARTHUR J. ANTENUCCI, Instructor in Clinical Medicine.  
ABRAHAM A. ANTOVILLE, Instructor in Clinical Medicine.  
BENJAMIN I. ASHE, Instructor in Clinical Medicine.  
JAMES R. BEARD, JR., Instructor in Clinical Medicine.  
ZACHARIAS BERCOVITZ, Instructor in Clinical Medicine.  
JAMES M. BETHEA, Instructor in Clinical Medicine.  
GEORGE E. BINKLEY, Instructor in Clinical Medicine.  
KEEVE BRODMAN, Instructor in Clinical Medicine.  
JACOB BUCKSTEIN, Instructor in Clinical Medicine.  
EDWARD A. BURKHARDT, Instructor in Clinical Medicine.  
KATHERINE BUTLER, Instructor in Clinical Medicine.  
LAILA COSTON-CONNER, Instructor in Clinical Medicine.  
EDWARD M. DODD, Instructor in Clinical Medicine.  
JOHN C. DUNDEE, Instructor in Clinical Medicine.  
A. WILBUR DURYEE, Instructor in Clinical Medicine.  
FRANK M. FALCONER, Instructor in Clinical Medicine.  
EMIL A. FALK, Instructor in Clinical Medicine.  
BEN FRIEDMAN, Instructor in Clinical Medicine.  
CONSTANCE FRIESS, Instructor in Clinical Medicine.  
JOHN M. GIBBONS, Instructor in Clinical Medicine.  
DAVID GLUSKER, Instructor in Clinical Medicine.  
ARTHUR W. GRACE, Instructor in Clinical Medicine.  
SIDNEY GREENBERG, Instructor in Clinical Medicine.  
EDWIN T. HAUSER, Instructor in Clinical Medicine.  
LOUIS A. HAUSER, Instructor in Clinical Medicine.  
MILTON HELPERN, Instructor in Clinical Medicine.  
EVELYN HOLT, Instructor in Clinical Medicine.  
LESLIE A. HOMRICH, Instructor in Clinical Medicine.  
FREDERICK H. HOWARD, Instructor in Clinical Medicine.  
LEIF Y. JACOBSEN, Instructor in Clinical Medicine.  
SCOTT JOHNSON, Instructor in Clinical Medicine.  
MAURICE B. KAGAN, Instructor in Clinical Medicine.  
LeMOYNE COPELAND KELLY, Instructor in Clinical Medicine.  
ESTELLE KLEIBER, Instructor in Clinical Medicine.  
MILTON M. KRAMER, Instructor in Clinical Medicine.  
MICHAEL LAKE, Instructor in Clinical Medicine.  
EDGAR A. LAWRENCE, Instructor in Clinical Medicine.  
DOROTHEA LEMCKE, Instructor in Clinical Medicine.  
LEON I. LEVINE, Instructor in Clinical Medicine.

ROBERT M. LINTZ, Instructor in Clinical Medicine.  
 ROBERT O. LOEBEL, Instructor in Clinical Medicine.  
 ISABEL LONDON, Instructor in Clinical Medicine.  
 KIRBY MARTIN, Instructor in Clinical Medicine.  
 A. PARKS MCCOMBS, Instructor in Clinical Medicine.  
 ROBERT B. MCKITTRICK, Instructor in Clinical Medicine.  
 FREDERICK H. MERRILL, Instructor in Clinical Medicine.  
 RAYMOND E. MILLER, Instructor in Clinical Medicine.  
 L. MARY MOENCH, Instructor in Clinical Medicine.  
 WILLIS A. MURPHY, Instructor in Clinical Medicine.  
 CARL MUSCHENHEIM, Instructor in Clinical Medicine.  
 THEODORE W. OPPEL, Instructor in Clinical Medicine.  
 DOUGLASS PALMER, Instructor in Clinical Medicine.  
 NORMAN PAPAE, Instructor in Clinical Medicine.  
 FRANK H. PETERS, Instructor in Clinical Medicine.  
 NORMAN PLUMMER, Instructor in Clinical Medicine.  
 HERBERT POLLACK, Instructor in Clinical Medicine.  
 ARTHUR H. RAYNOLDS, Instructor in Clinical Medicine.  
 ADA C. REID, Instructor in Clinical Medicine.  
 SOPHIE A. ROOT, Instructor in Clinical Medicine.  
 THERESA SCANLAN, Instructor in Clinical Medicine.  
 AARON D. SPIELMAN, Instructor in Clinical Medicine.  
 JOHN W. STICKNEY, Instructor in Clinical Medicine.  
 WILLIAM D. STUBENBORD, Instructor in Clinical Medicine.  
 LEONARD TARR, Instructor in Clinical Medicine.  
 MARIAN TYNDALL, Instructor in Clinical Medicine.  
 MARY WALTON, Instructor in Clinical Medicine.  
 BYARD WILLIAMS, Instructor in Clinical Medicine.  
 DAN H. WITT, Instructor in Clinical Medicine.  
 IRVING S. WRIGHT, Instructor in Clinical Medicine.  
 SEYMOUR ZUCKER, Instructor in Clinical Medicine.  
 ROBERT L. BAILEY, JR., Assistant in Medicine.  
 GEORGE L. KAUER, JR., Assistant in Medicine.  
 ERWIN E. PETERS, Assistant in Medicine.  
 GEORGE A. SCHUMACHER, Assistant in Medicine.  
 ARTHUR M. SUTHERLAND, Assistant in Medicine.  
 ALPHONSE E. TIMPANELLI, Assistant in Medicine.  
 FREDERICK C. WEBER, JR., Assistant in Medicine.  
 CHARLES H. WHEELER, JR., Assistant in Medicine.  
 JAMES R. GUDGER, Assistant in Clinical Medicine.  
 GEORGE H. FONDE, JR., Assistant in Clinical Medicine.  
 B. MILDRED EVANS, Fellow in Medicine.  
 JAMES D. HARDY, Fellow in Medicine.  
 A. WHITFIELD HAWKES, Fellow in Medicine.  
 RALPH E. OESTING, Fellow in Medicine.  
 CHARLES H. RICHARDS, Fellow in Medicine.  
 BENJAMIN F. STIMMEL, Fellow in Medicine.  
 BELA MITTELMANN, Research Fellow in Medicine.

## NEUROLOGY

FOSTER KENNEDY, Professor of Clinical Neurology.  
LEWIS D. STEVENSON, Associate Professor of Clinical Neurology.  
LOUIS F. HAUSMAN, Associate Professor of Clinical Neurology.  
AARON D. BELL, Instructor in Clinical Neurology.  
PETER G. DENKER, Instructor in Clinical Neurology.  
OLGA KNOPF, Instructor in Clinical Neurology.  
MARY E. O'SULLIVAN, Instructor in Clinical Neurology.  
JOSEPH W. OWEN, Instructor in Clinical Neurology.  
HELEN J. ROGERS, Instructor in Clinical Neurology.  
ALEXANDER WOLF, Instructor in Clinical Neurology.  
HERMAN WORTIS, Instructor in Clinical Neurology.  
S. BERNARD WORTIS, Instructor in Clinical Neurology.

## DERMATOLOGY

HANS J. SCHWARTZ, Professor of Clinical Medicine.  
WILLIAM M. ARCHER, Instructor in Clinical Medicine.  
ANDREW J. GILMOUR, Instructor in Clinical Medicine.  
THOMAS N. GRAHAM, Instructor in Clinical Medicine.  
DANIEL G. KUHLETHAU, Instructor in Clinical Medicine.  
GEORGE M. LEWIS, Instructor in Clinical Medicine.  
HENRY D. NILES, Instructor in Clinical Medicine.  
LIONEL C. RUBIN, Instructor in Clinical Medicine.  
LAIRD S. VAN DYKE, Instructor in Clinical Medicine.

## LABORATORY DIAGNOSIS

The introductory required course is given by Dr. Stillman, in the third trimester of the second year. It consists of 130 hours of lectures and laboratory work. This time is devoted to the discussion of the theory, practice and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied will include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. There will be included discussion of the clinical significance of findings. In addition, certain allergic phenomena will be presented in lecture and demonstration and their clinical relationship discussed.

## MEDICINE

Students begin their course in medicine in the second trimester of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second trimester (two afternoons a week) by means of lectures, demonstrations, and practical work on

normal subjects and patients. In the third trimester they spend two mornings a week with the patients either on the wards or in the out-patient department. The course in neurology and neuropathology under Dr. Wolff and Dr. Stevenson is given on Tuesday and Saturday from 9 to 12 during the last six weeks of the third trimester.

In each trimester of the third year, one third of the class will be clinical clerks in medicine in the wards of New York Hospital or the Second Medical Division of Bellevue Hospital.

The medical wards of the New York Hospital under the supervision of Dr. Du Bois comprise four public pavilions totalling 111 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the care of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. The other subdepartments are on the same basis. These are circulation, hematology, infections, metabolism, and syphilis. All of these have beds at their disposal, although the majority of patients are assigned to the general service rather than to any one subdivision. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including the exanthemata and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for the epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Dr. Du Bois and Dr. Richardson. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by the house staff. Additional teaching consists in daily teaching rounds with the visiting staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by the amphitheatre clinics and pathological conferences which are held throughout the academic year.

Students may elect a clerkship at Bellevue Hospital under Dr. Lincoln. The methods of teaching are much the same as at New York Hospital and emphasis is placed on the firm grounding of students in the fundamental facts of internal medicine. In addition to clinical, laboratory, and autopsy facilities, textbooks, collateral reading, bedside clinics, and pathological conferences are employed. By these means the various systems of the body are studied with an ordered

approach. The more important therapeutic measures are also discussed. Time is reserved to each student for the study of selected cases. This clerkship is offered during the summer to 10 students.

The senior students are divided into four groups, each of which devotes one quarter of the college year to general medicine and the medical specialties. They spend the quarter under the direction of Dr. Reznikoff in the out-patient department of New York Hospital, where they are assigned in small groups to sections in general medicine and clinics devoted to special studies such as neurology, dermatology, syphilis, diabetes, gastro-intestinal diseases, diseases of the circulatory system, diseases of the lungs, endocrine conditions, hematology, arthritis, and allergy. Other special departments of the clinic such as physiotherapy, dietotherapy and social service are open to the fourth year clerks. The practical work with the patients will be supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves. This clerkship may be taken during the summer months by a limited number of students. Modification of the course may be made to suit individual requirements.

Amphitheatre clinics will be held each week during the academic year. These will be given separately to third and fourth year students to conform to their respective stages of development. Clinical-pathological conferences organized by the Department of Pathology in conjunction with the clinical departments occur weekly throughout the year.

### ELECTIVE COURSES

During the summer months students will be given the opportunity of taking their third year clerkships at New York Hospital or Bellevue Hospital, and fourth year clerkships at the New York Hospital. By so doing, they may anticipate the work of the following year and spend the equivalent time in elective work.

Each month one eighth of the fourth year class will be free for elective work. A variety of courses is available to these students. In many instances more than one course is offered on a single subject, so that the student may make a choice of instructors. Opportunities will be given in the special clinics devoted to diseases of the circulatory system, lungs, metabolism, internal secretions, neurology, syphilis, dermatology, hematology, arthritis, allergy, and gastrointestinal disorders. Electives in general medicine and its subdivisions are offered at Bellevue Hospital. Arrangements are made during the third and fourth years for special work in tuberculosis under Dr. BRAY at the New York State Hospital for Incipient Tuberculosis at Ray Brook. This includes elective courses from January 1 through June and internships during the summer. A similar summer internship in tuberculosis is offered at Stony Wold Sanatorium.

Students who wish to engage in research, either in the wards or in

the laboratories, or who have problems in which they are interested, will be given every encouragement within the limits of the time at their disposal. They should recollect, however, that a research interest in no wise takes the place of the usual academic rating.

As mentioned above, diseases of the nervous system are organized under the department of medicine and are included in the elective as well as in the medical clerkship. In addition the following is available:

NEUROLOGY: The Neurological Service at Bellevue Hospital under Dr. FOSTER KENNEDY offers unusual opportunities for clinical study and special investigation. It consists of wards for adults for the study of medical and surgical neurology. In addition, the laboratory for experimental neurology under the direction of Dr. WORTIS and the laboratory for neuropathology under the direction of Dr. STEVENSON are integrated with the medical and surgical work. All these services are available for the instruction of graduate and undergraduate students. The laboratory for experimental neurology is also available for instruction in research methods.

## OBSTETRICS AND GYNECOLOGY

HENRICUS J. STANDER, Professor of Obstetrics and Gynecology.

HERBERT F. TRAUT, Associate Professor of Obstetrics and Gynecology.

R. GORDON DOUGLAS, Associate Professor of Obstetrics and Gynecology.

JAMES A. HARRAR, Associate Professor of Clinical Obstetrics and Gynecology.

HERVEY C. WILLIAMSON, Assistant Professor of Clinical Obstetrics and Gynecology.

LUCIUS A. WING, Assistant Professor of Clinical Obstetrics and Gynecology.

JOHN F. McGRATH, Assistant Professor of Clinical Obstetrics and Gynecology.

BYRON H. GOFF, Assistant Professor of Clinical Obstetrics and Gynecology.

ANDREW A. MARCHETTI, Assistant Professor of Obstetrics and Gynecology.

LESTER BOSSERT, Instructor in Obstetrics and Gynecology.

KATHERINE KUDER, Instructor in Obstetrics and Gynecology.

JOHN B. PASTORE, Instructor in Obstetrics and Gynecology.

WILLIAM H. CARY, Instructor in Clinical Obstetrics and Gynecology.

OGDEN F. CONKEY, Instructor in Clinical Obstetrics and Gynecology.

EDWARD H. DENNEN, Instructor in Clinical Obstetrics and Gynecology.

LYNN L. FULKERSON, Instructor in Clinical Obstetrics and Gynecology.

RALPH W. GAUSE, Instructor in Clinical Obstetrics and Gynecology.

ARTHUR V. GREELEY, Instructor in Clinical Obstetrics and Gynecology.

WILLIAM H. HAWKINS, Instructor in Clinical Obstetrics and Gynecology.

HOWARD S. McCANDLISH, Instructor in Clinical Obstetrics and Gynecology.

CHARLES M. McLANE, Instructor in Clinical Obstetrics and Gynecology.

JOSEPH N. NATHANSON, Instructor in Clinical Obstetrics and Gynecology.

JOHN A. O'REGAN, Instructor in Clinical Obstetrics and Gynecology.

MEYER ROSENSOHN, Instructor in Clinical Obstetrics and Gynecology.

FRANK R. SMITH, Instructor in Clinical Obstetrics and Gynecology.

RAYMOND R. SQUIER, Instructor in Clinical Obstetrics and Gynecology.

KYLE B. STEELE, Instructor in Clinical Obstetrics and Gynecology.

D. SCOTT BAYER, Assistant in Obstetrics and Gynecology.

RALPH C. BENSON, Assistant in Obstetrics and Gynecology.

CARL T. JAVERT, Assistant in Obstetrics and Gynecology.

JAMES E. MILLER, Assistant in Obstetrics and Gynecology.

MAHLON F. MILLER, Assistant in Obstetrics and Gynecology.

ROBERT L. CRAIG, Assistant in Clinical Obstetrics and Gynecology.

OSCAR GLASSMAN, Assistant in Clinical Obstetrics and Gynecology.

LUDWIG NEUGARTEN, Assistant in Clinical Obstetrics and Gynecology.

NELSON B. SACKETT, Assistant in Clinical Obstetrics and Gynecology.

JACOB T. SHERMAN, Assistant in Clinical Obstetrics and Gynecology.

CHARLES T. SNYDER, Assistant in Clinical Obstetrics and Gynecology.

## GENERAL STATEMENT

**FACILITIES:** The Woman's Clinic of the New York Hospital provides 164 beds for teaching purposes in obstetrics and gynecology. The students are given practical instruction in the delivery and operating rooms, as well as on the wards, where they serve as clinical clerks. In addition they work in the out-patient department clinics of gynecology, obstetrics, cystoscopy, and sterility.

An outdoor delivery service is conducted in conjunction with the Woman's Clinic. The facilities of the John E. Berwind Free Maternity Clinic afford an unusual opportunity for students to conduct home deliveries under careful supervision by the attending and resident staff. There are approximately 75 deliveries a month on this service.

The total obstetrical service, hospital and home, cares for approximately 3700 confinements a year, while the gynecological section admits about 1200 patients annually.

## I. THIRD YEAR

**Course 1. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY.** This course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the



physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

Tuesday and Saturday 12-1 p.m., throughout the year, to the whole class. Professors STANDER, TRAUT, HARRAR, WILLIAMSON, DOUGLAS, and MARCHETTI.

COURSE 2. PRACTICAL INSTRUCTION. The courses offered are (a) palpation; (b) pelvic examination; (c) manikin exercises; (d) obstetrical and gynecological pathology; (e) obstetrical and gynecological bacteriology and isolation technic.

To one third of the class, instruction is given Monday, Wednesday, and Friday from 9-12, throughout each trimester.

COURSE 3. WARD ROUNDS. Monday and Friday, 9-10 a.m. Professor STANDER and Staff.

Total hours 167.

## II. FOURTH YEAR

MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY. This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students. Each student will live in the Woman's Clinic and the Berwind Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations, but not with board.

The practical work includes the prenatal care of many patients, attending them in labor, their delivery, as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients, and to follow these patients through diagnostic and therapeutic procedures.

Two months' residence throughout the quarter. Minimum, 365 hours. Because of the nature of the service, night and holiday work is required.

## ELECTIVE COURSES

PRACTICAL OBSTETRICS AND GYNECOLOGY. A certain number of students will be accepted for periods of one month to serve as assistants in the clinic.

## PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.

OSCAR M. SCHLOSS, Professor of Clinical Pediatrics.

PARKER DOOLEY, Assistant Professor of Pediatrics.

ARTHUR F. ANDERSON, Assistant Professor of Clinical Pediatrics.

JESSE F. SAMMIS, Assistant Professor of Clinical Pediatrics.

CARL H. SMITH, Assistant Professor of Clinical Pediatrics.

PHILIP M. STIMSON, Assistant Professor of Clinical Pediatrics.

MAY G. WILSON, Assistant Professor of Clinical Pediatrics.  
HARRY H. GORDON, Associate in Pediatrics.  
VERNON W. LIPPARD, Associate in Pediatrics.  
MILTON J. E. SENN, Associate in Pediatrics.  
ROBERT O. DU BOIS, Associate in Clinical Pediatrics.  
FREDERICK C. HUNT, Associate in Clinical Pediatrics.  
THOMAS E. WALDIE, Associate in Clinical Pediatrics.  
JOHN E. FRANKLIN, Instructor in Pediatrics.  
JAMES M. HANKS, Instructor in Pediatrics.  
HAROLD E. HARRISON, Instructor in Pediatrics.  
DOUGLAS B. REMSEN, Instructor in Pediatrics.  
WILLIAM M. SCHMIDT, Instructor in Pediatrics.  
JOHN A. WASHINGTON, Instructor in Pediatrics.  
HAROLD B. ADAMS, Instructor in Clinical Pediatrics.  
M. BERNARD BRAHDY, Instructor in Clinical Pediatrics.  
CLEMENT B. P. COBB, Instructor in Clinical Pediatrics.  
HELEN HARRINGTON, Instructor in Clinical Pediatrics.  
HEDWIG KOENIG, Instructor in Clinical Pediatrics.  
MILTON I. LEVINE, Instructor in Clinical Pediatrics.  
CHARLES H. O'REGAN, Instructor in Clinical Pediatrics.  
BENJAMIN McL. SPOCK, Instructor in Clinical Pediatrics.  
T. DURLAND VAN ORDEN, Instructor in Clinical Pediatrics.  
LOUIS E. WEYMULLER, Instructor in Clinical Pediatrics.  
MARJORIE A. WHEATLEY, Instructor in Clinical Pediatrics.  
MARGARET DANN, Assistant in Pediatrics.  
ELFRIEDE HORST, Assistant in Pediatrics.  
PERCY H. JENNINGS, JR., Assistant in Pediatrics.  
JACOB S. LIGHT, Assistant in Pediatrics.  
MARTHA K. REESE, Assistant in Pediatrics.  
GLADYS J. FASHENA, Assistant in Clinical Pediatrics.  
ELEANOR MARPLES, Research Assistant in Pediatrics.

SECOND YEAR. During the last six weeks of the third trimester a course will be given on the principles of nutrition and the art of infant feeding. Total hours, 12.

THIRD YEAR. A clinical lecture once a week throughout the entire school year presents cases illustrating diseases peculiar to early life. Groups of students are assigned to the wards where they are given instruction in diagnosis and treatment. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 133.

FOURTH YEAR. Groups of students are on duty in the out-patient department. Here they gain experience in history taking, physical examination, and treatment. Total hours, 70.

### ELECTIVE COURSES

Three types of elective courses are offered: clinical clerkships on the pavilions; out-patient work in the general and special clinics; and a combination of the two services. The first of these courses is open both

to third and fourth year students, following completion of required work in pediatrics in the third year. The latter two courses are open only to fourth year students following completion of all prescribed work in pediatrics.

A limited number of students serve as clinical clerks on the pavilions. They are assigned to patients on admission to the hospital and given an opportunity to follow the clinical course of sick children and to become familiar with diagnostic and therapeutic procedures. These observations are supplemented by attendance at staff meetings and rounds and by individual conferences with instructors.

Out-patient clinical clerkships comprise work in the general clinic and in special clinics devoted to prophylactic procedures, allergy, syphilis, endocrine disturbances, and heart disease in children.

A combination of pavilion and out-patient work may be arranged in special instances.

All courses are given for full time periods of one month throughout the year.

## PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.  
 CLARENCE O. CHENEY, Professor of Clinical Psychiatry.  
 PHYLLIS GREENACRE, Professor of Clinical Psychiatry.  
 GEORGE W. HENRY, Associate Professor of Psychiatry.  
 GERALD R. JAMEISON, Assistant Professor of Psychiatry.  
 JAMES H. WALL, Assistant Professor of Clinical Psychiatry.  
 CARL A. BINGER, Assistant Professor of Clinical Medicine.  
 WILLIS E. MERRIMAN, Associate in Clinical Psychiatry.  
 EDWIN J. DOTY, Instructor in Psychiatry.  
 MABEL HUSCHKA, Instructor in Psychiatry.  
 RUTH EMILIE JAEGER, Instructor in Psychiatry.  
 NORVELLE C. LAMAR, Instructor in Psychiatry.  
 EDWIN E. McNIEL, Instructor in Psychiatry.  
 LINCOLN RAHMAN, Instructor in Psychiatry.  
 KENNETH G. REW, Instructor in Psychiatry.  
 HERBERT S. RIPLEY, Instructor in Psychiatry.  
 EDWARD B. ALLEN, Instructor in Clinical Psychiatry.  
 VALER BARBU, Instructor in Clinical Psychiatry.  
 WILLIAM H. DUNN, Instructor in Clinical Psychiatry.  
 B. MILDRED EVANS, Instructor in Clinical Psychiatry.  
 EMELINE P. HAYWARD, Instructor in Clinical Psychiatry.  
 MICHAEL P. LONERGAN, Instructor in Clinical Psychiatry.  
 LESLIE E. LUEHRS, Instructor in Clinical Psychiatry.  
 ARTHUR M. PHILLIPS, Instructor in Clinical Psychiatry.  
 CHARLES DILLER RYAN, Instructor in Clinical Psychiatry.  
 GEORGE S. SPRAGUE, Instructor in Clinical Psychiatry.  
 MARION STRANAHAN, Instructor in Clinical Psychiatry.  
 HANS SYZ, Instructor in Clinical Psychiatry.  
 BETTINA WARBURG, Instructor in Clinical Psychiatry.

KATHERINE F. WOODWARD, Instructor in Clinical Psychiatry.

MARIANNE HORNEY, Assistant in Psychiatry.

A. LOUISE BRUSH, Assistant in Clinical Psychiatry.

VERONICA C. BROWN, Assistant in Clinical Psychiatry.

RALPH P. HARLOW, Assistant in Clinical Psychiatry.

CHARLES M. HOLMES, Assistant in Clinical Psychiatry.

CHARLOTTE MUNN, Assistant in Clinical Psychiatry.

JOSEPH W. OWEN, Assistant in Clinical Psychiatry.

LEO STONE, Assistant in Clinical Psychiatry.

ARTHUR L. BENTON, Assistant in Psychology.

The Department of Psychiatry offers instruction during each of the four years of the medical course. The science of the functions of the personality, psychobiology, is considered of fundamental importance as the groundwork for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods for their examination and study. In the third year this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic. In the Out-Patient Department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric consulting practice. Through instruction and practical work at the Manhattan State Hospital, the student gains an understanding of a wide variety of mental disorders of various stages and especially of the organic type. The importance of personality issues in general medicine is taught on the medical wards of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

#### *First Year. Psychobiology (22 hours)*

This course acquaints the student with the functions of the personality. Through participation in discussions and various tests he learns the basic principles and methods of psychobiology. A study of his own personality gives him an opportunity for methodical investigation and for constructive utilization of personality functions.

#### *Second Year. Introductory Psychiatry (33 hours)*

In this course the various psychopathological phenomena are demonstrated and the student has an opportunity to study them in selected patients at the Manhattan State Hospital. This permits practical experience in the methods of examination.

#### *Third Year. Courses in Psychiatry (32 hours)*

In the In-Patient Department of the Payne Whitney Psychiatric Clinic the various reaction-types are presented and studied; on the medical wards of the New York Hospital personality issues in general medicine and cases where psychiatric conditions have developed are discussed.

A series of lectures with case discussion deals with the development of personality in infancy and childhood, and the psychopathology of childhood. Attention is directed to the general management of related difficulties.

*Fourth Year. Courses in Psychiatry (95 hours)*

In the course in the Out-Patient Department of the Payne Whitney Psychiatric Clinic, each student is assigned to an instructor and takes part in the study and treatment of individual cases, both adults and children. At the Manhattan State Hospital the students carry out independently complete examinations of patients.

Case presentations are given throughout the year in clinics on Wednesdays from twelve to one. The clinical, investigative, and therapeutic aspects, as well as legal and social problems are discussed.

Opportunities for elective work are provided in the New York Hospital and at the Westchester Division of the New York Hospital, White Plains, New York.

## SURGERY

GEORGE J. HEUER, Professor of Surgery.

JOSHUA E. SWEET, Professor of Experimental Surgery.

N. CHANDLER FOOT, Professor of Surgical Pathology.

CHARLES E. FARR, Professor of Clinical Surgery.

HENRY H. M. LYLE, Professor of Clinical Surgery.

EUGENE H. POOL, Professor of Clinical Surgery.

POL N. CORYLLOS, Professor of Clinical Surgery.

WILLIAM DEW. ANDRUS, Associate Professor of Surgery.

WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.

FRANK E. ADAIR, Associate Professor of Clinical Surgery.

RALPH F. BOWERS, Assistant Professor of Clinical Surgery.

SEWARD ERDMAN, Assistant Professor of Clinical Surgery.

GUILFORD S. DUDLEY, Assistant Professor of Clinical Surgery.

JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.

GEORGE T. PACK, Assistant Professor of Clinical Surgery.

RUSSEL H. PATTERSON, Assistant Professor of Clinical Surgery.

MORRIS K. SMITH, Assistant Professor of Clinical Surgery.

JOHN A. VIETOR, Assistant Professor of Clinical Surgery.

BRONSON S. RAY, Associate in Surgery.

J. HERBERT CONWAY, Associate in Clinical Surgery.

FRANK GLENN, Associate in Clinical Surgery.

CRANSTON HOLMAN, Associate in Clinical Surgery.

WILLIAM A. COOPER, Instructor in Surgery.

JOHN H. ECKEL, Instructor in Surgery.

SAMUEL W. MOORE, Instructor in Surgery.

JOHN P. WEST, Instructor in Surgery.

HERBERT BERGAMINI, Instructor in Clinical Surgery.

JACOB BUCKSTEIN, Instructor in Clinical Radiology.

PAUL A. DINEEN, Instructor in Clinical Surgery.

WADE DULEY, Instructor in Clinical Surgery.  
JOSEPH E. J. KING, Instructor in Clinical Surgery.  
FRANK J. MCGOWAN, Instructor in Clinical Surgery.  
EDWARD W. SAUNDERS, Instructor in Clinical Surgery and Given Fellow  
in Surgical Research.  
RUFUS E. STETSON, Instructor in Clinical Surgery.  
JOHN E. SUTTON, JR., Instructor in Clinical Surgery.  
W. MORRIS WEEDEN, Instructor in Clinical Surgery.  
ROBERT A. WISE, Instructor in Clinical Surgery.  
FRANK C. YEOMANS, Instructor in Clinical Surgery.  
HENRY J. BABERS, Assistant in Surgery.  
WILLIAM A. BARNES, Assistant in Surgery.  
ARTHUR I. CHENOWETH, Assistant in Surgery.  
CHARLES G. CHILD, III, Assistant in Surgery.  
E. EVERETT CLIFFTON, Assistant in Surgery.  
MARY COOPER, Assistant in Surgery.  
EDWARD W. DOUGLAS, Assistant in Surgery.  
HAROLD GENVERT, Assistant in Surgery.  
BENJAMIN F. HOOPES, Assistant in Surgery.  
JOSEPH T. KAUER, Assistant in Surgery.  
EARL P. LASHER, JR., Assistant in Surgery.  
VICTOR F. MARSHALL, Assistant in Surgery.  
WILLIAM F. NICKEL, Assistant in Surgery.  
JOHN B. OGILVIE, Assistant in Surgery.  
EDGAR C. PERSON, Assistant in Surgery.  
FLORENCE WEST, Assistant in Surgery.  
ROSE ANDRE, Assistant in Clinical Surgery.  
CHARLES M. BRANE, Assistant in Clinical Surgery.  
JOHN STAIGE DAVIS, JR., Assistant in Clinical Surgery.  
JOHN A. EVANS, Assistant in Clinical Surgery.  
C. BASIL FAUSSET, Assistant in Clinical Surgery.  
ROBERT K. FELTER, Assistant in Clinical Surgery.  
D. REES JENSEN, Assistant in Clinical Surgery.  
JOHN C. MURPHY, Assistant in Clinical Surgery.  
WILLIAM T. MEDL, Assistant in Clinical Surgery.  
HERBERT PARSONS, Assistant in Clinical Surgery.

#### OPHTHALMOLOGY

BERNARD SAMUELS, Professor of Clinical Surgery.  
MILTON L. BERLINER, Assistant Professor of Clinical Surgery.  
CHARLES A. DRAKE, Instructor in Clinical Surgery.  
ELIZABETH M. MACNAUGHER, Assistant in Clinical Surgery.

#### ORTHOPEDIC SURGERY

IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery.  
NELSON W. CORNELL, Assistant Professor of Clinical Surgery.  
KRISTIAN G. HANSSON, Instructor in Clinical Surgery.  
PRESTON A. WADE, Instructor in Clinical Surgery.

## OTOLARYNGOLOGY

ARTHUR PALMER, Assistant Professor of Clinical Surgery; (Otolaryngology).

GERVAIS W. McAULIFFE, Assistant Professor of Clinical Surgery.

JACOB APPLEBAUM, Instructor in Clinical Surgery.

EMMETT C. FITCH, Instructor in Clinical Surgery.

THOMAS J. GARRICK, Instructor in Clinical Surgery.

S. FARRAR KELLEY, Instructor in Clinical Surgery.

JAMES O. MACDONALD, Instructor in Clinical Surgery.

EDGAR M. POPE, Instructor in Clinical Surgery.

WILLIAM H. AYRES, Assistant in Clinical Surgery.

ANNE M. BELCHER, Assistant in Clinical Surgery.

HERBERT GRAEBNER, Assistant in Clinical Surgery.

LEOPOLD MEHLER, Assistant in Clinical Surgery.

FERNAND VISTREICH, Assistant in Clinical Surgery.

## UROLOGY

ALEXANDER R. STEVENS, Professor of Clinical Surgery.

HOWARD S. JECK, Assistant Professor of Clinical Surgery.

HARMON TRUAX, Instructor in Surgery.

BENJAMIN S. BARRINGER, Instructor in Clinical Surgery.

ARCHIE L. DEAN, JR., Instructor in Clinical Surgery.

JOHN W. DRAPER, Instructor in Clinical Surgery.

ROBERT S. HOTCHKISS, Instructor in Clinical Surgery.

GUSTAVUS A. HUMPHREYS, Instructor in Clinical Surgery.

ANNE E. KUHNER, Instructor in Clinical Surgery.

ALLISTER M. McLELLAN, Instructor in Clinical Surgery.

WENDELL J. WASHBURN, Instructor in Clinical Surgery.

FREDERICK C. McLELLAN, Assistant in Surgery.

## GENERAL SURGERY

I. THIRD YEAR. The teaching of surgery begins in the first trimester of the third year during which time one third of the class is assigned for work as clinical clerks in surgery, including urology. Throughout this period the student gains experience in history taking, physical examination, and routine laboratory examination, and is brought into contact with patients with general surgical, urological, orthopedic, ophthalmological, and otolaryngological conditions. The routine teaching consists of ward visits in general surgery and the surgical specialties, together with assigned reading and conferences. During this period surgical pathology is taught by a series of demonstrations of gross and microscopic preparations, and conferences in which the current material from surgical cases is made the basis for the discussion of various types of lesions and their pathological and surgical significance. Also during this trimester the group attends a course illustrating the principles of operative surgery. This consists of a series of

operations carried out by the students upon living animals, emphasizing surgical cleanliness, aseptic technic, the control of hemorrhage, the healing of wounds, anesthesia, etc. Total hours, 372.

In the ward teaching the facilities of the Second Surgical Division of Bellevue Hospital, St. Luke's, Memorial, and other special hospitals are available in addition to those of the New York Hospital.

II. FOURTH YEAR. Each student spends one quarter in the out-patient department of the surgical service and the allied specialties. The morning hours are devoted to the surgical clinic where the student gains experience in the diagnosis of general surgical and orthopedic conditions in ambulatory patients as well as in the handling of fractures and in the diagnosis and treatment of minor surgical cases of all sorts. He also has the opportunity to follow the results of operations performed in the hospital as the patients return for follow up visits. The afternoon hours are devoted to the special clinics of urology, ophthalmology, and otolaryngology where the student learns to use the diagnostic technics of these specialties and observes a wide variety of disease pictures.

The student is also assigned to the operating floor of the hospital for a period of two weeks and is given intensive instruction in anesthesia, and throughout the quarter is expected to follow in the wards those patients admitted from the out-patient department.

The routine teaching consists of conferences, clinics, and assigned reading.

A surgical clinic is held one day a week at the noon hour for the students of the third and fourth years. Total hours, 289.

## OPHTHALMOLOGY

During the third trimester of the second year the entire class is given laboratory instruction in the microscopy of the eye by Dr. SAMUELS. In addition to normal histology, the pathology of such important diseases as uveitis, glaucoma, intra-ocular tumors, tuberculosis, injuries, and simple ophthalmia are covered. During the first quarter of the third year also the entire class receives a series of formal exercises in ophthalmology as a further introduction to their clinical work supplemented by exercises on the wards and in the out-patient department.

During the fourth year each student is assigned for a period of time to the ophthalmological out-patient department and in addition has the opportunity of taking further work in this subject during his elective period.

## ORTHOPEDIC SURGERY

During the third year there are a number of formal exercises in this subject, which serve as an introduction to the clinical work. These are supplemented by the presentation of interesting cases on the wards and in the out-patient department during the remainder of the third and fourth years.



## OTOLARYNGOLOGY

In the third year clinical lectures illustrated by the presentation of cases are given to the entire class. Anatomy of the head is reviewed and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

During the fourth year students are assigned in sections for a period to the otolaryngological out-patients and have the opportunity to study cases on the pavilion as well. During this period special topics are presented to the section by various members of the teaching staff.

During the fourth year opportunity to spend further time on this subject during the elective term is offered.

## UROLOGY

Teaching of urology is carried out by means of assignment of students during their clinical clerkship in the third year to urological cases on the wards and on one morning a week there is a conference and clinical demonstration of patients suffering from various urological conditions.

In the fourth year the student is assigned for a period to the urological out-patient department, and has further opportunity to pursue this subject during the elective period.

## ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, neuro-surgery, thoracic surgery, and in the specialties of surgery: urology, orthopedics, ophthalmology and otolaryngology. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department.

## COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based upon the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship or its equivalent in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

## PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.  
JOHN C. TORREY, Professor of Epidemiology.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

WALTER C. KLOTZ, Assistant Professor of Public Health and Preventive Medicine.

RALPH W. NAUSS, Instructor in Public Health and Preventive Medicine.  
THOMAS T. MACKIE, Associate in Public Health and Preventive Medicine.

ELIZABETH MONTU, Research Assistant in Public Health and Preventive Medicine.

## SECOND YEAR

**PARASITOLOGY.** Each exercise is divided into two parts: lecture and laboratory. The exercises are given one afternoon a week from 3 to 5 during the second trimester. Forty-five minutes are utilized for the lecture or for discussion, and one and one-quarter hours for laboratory work. The lecture period is devoted in great part to a clinical description of the various diseases that are produced by the parasites being studied. Special emphasis is placed upon the methods that may be utilized in the prevention and control of human parasitic disease. The laboratory periods are devoted to a study of the life cycles of the various parasites. The appropriate intermediate hosts of different parasites are also studied carefully.

## THIRD YEAR

**PUBLIC HEALTH.** Lectures: The lectures are given from 12 to 1 every Monday throughout the school year. They are intended to present a comprehensive description of the whole field of preventive medicine. Emphasis is placed upon the responsibilities and the opportunities of the practicing physician in the promotion of public health.

Section work: Every Thursday afternoon throughout the year from 2 to 5. The affiliation of the Health Center with the Medical School has made it possible, for the first time, to develop section teaching in preventive medicine. The class is divided into three sections of about 25 students. Each section devotes every Thursday afternoon for one trimester to clinical section work in public health. This section is subdivided into small groups and each student is assigned to some one of the various activities of the Health Center, or to allied health services in the community. The students do more than observe—they participate in the work of the Health Center. The exercises are planned so that every student will have an opportunity to see and take part in the complex activities of an active health department.

Thesis: Each student is required to prepare a thesis on some subject which is related to the general field of preventive medicine and public health. Wide latitude will be given in the choice of subject; and in grading the theses, due consideration is given to the method of presentation, as well as to the content. These theses must be handed in to the Department by May 1.

## FOURTH YEAR

**Preventive Medicine:** Clinical conferences every Tuesday, 12 to 1, throughout the year.

The fourth year exercises in Preventive Medicine are planned to illustrate the methods whereby the principles of preventive medicine may be incorporated by the physician in his daily practice of curative medicine.

The presentations are made by various members of the clinical faculty. Practically every department of the medical school and every major clinical subject is represented in these exercises. In addition, certain special subjects, such as industrial medicine, dental hygiene, the prevention of accidents, the conservation of vision, and so forth, are presented by experts in these fields, who are invited to discuss their special work. These guest speakers contribute greatly to the interest and value of the course.

### ELECTIVE COURSES

**PREVENTIVE MEDICINE.** An elective course of one full month is offered to students in the fourth year. Not more than four students will be accepted for any one month. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

**MEDICAL ZOOLOGY AND PARASITOLOGY.** This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered. Hours to be arranged.

**FIELD WORK IN CUBA.** Arrangements have been made with the Havana University Medical School whereby three or four students may spend a month in Cuba in the summer time as guests of Havana University. These students are given an opportunity to study various types of tropical diseases in the hospital clinics, and in the Finlay Institute. This is a voluntary exercise for which no University credit is given.

A reciprocal arrangement has been made whereby Havana University Medical students will come to New York during the winter as guests of the New York Hospital.

### RADIOLOGY

HARRY M. IMBODEN, Professor of Clinical Radiology.  
JOHN R. CARTY, Associate Professor of Radiology (Executive Officer).  
SYDNEY WEINTRAUB, Assistant Professor of Clinical Radiology.  
PAUL S. HENSHAW, Instructor in Radiology.  
ALLAN TUGGLE, Instructor in Radiology.  
ALFRED F. HOCKER, Instructor in Clinical Radiology.  
FRIEDRICH G. KAUTZ, Instructor in Clinical Radiology.  
E. FORREST MERRILL, Instructor in Clinical Radiology.  
IRVING SCHWARTZ, Instructor in Clinical Radiology.  
STEPHEN WHITE, Instructor in Clinical Radiology.  
LAWSON E. MILLER, Assistant in Radiology.  
JOSEPH V. SULLIVAN, Assistant in Radiology.

The teaching of Radiology consists of didactic lectures and section work in connection with clinical clerkships in Medicine, Surgery, Pediatrics, Obstetrics and Gynecology.

The lectures are given during the Third Year to the class as a whole. They emphasize the fundamental principles of diagnosis, X-ray and Radium Therapy. Sufficient fundamental Physics is covered to make these principles intelligible. Emphasis is placed on the indications and limitations of the methods and how they should be applied to the best advantage of the patient. The relationship of Radiology to other branches of medicine is also discussed. In addition to X-ray diagnosis the use of Radium and X-ray Therapy for malignant conditions is given attention. The use of X-ray Therapy in the treatment of inflammatory and other miscellaneous pathological processes is also covered.

The section teaching is conducted in the Third Year with the exception of the work in Obstetrics and Gynecology which comes in the Fourth Year. The teaching is given to small groups, and during each hour a subject is covered, and the student is encouraged to bring in radiographs of current cases pertaining to the subject under discussion.

Instruction in X-ray and Radium Therapy is conducted along similar lines. The student is given specific and hypothetical cases where X-ray and Radium Therapy might be employed. Attention is paid to the use of X-ray Therapy in inflammatory conditions and as an analgesic agent as well as in malignancy. The contraindications for X-ray and Radium Therapy are discussed. During the section work there will be a certain amount of "required reading". This consists of the study of normal and typical radiographs, and a museum has been organized specifically for this purpose. The Museum has a wide assortment of various pathological material and is constantly being enlarged.

There is a series of normals of the various anatomical regions constantly available on illuminators for ready reference. The Museum is open at all hours for study.

Elective courses are offered in the Fourth Year in most phases of diagnosis and therapy. They are arranged in so far as is possible to suit the wishes of the individual student.

#### *Summary of Hours, Third Year*

Didactic lectures.....	8 hours
Section Work:	
Medicine.....	10 hours
Surgery .....	10 hours
Pediatrics.....	3 hours
	23 hours

#### *Fourth Year*

Obstetrics and Gynecology.....	3 hours
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## LEGAL MEDICINE

MILTON HELPERN, Instructor in Legal Medicine.

An elective course in Legal Medicine is scheduled during the third quarter of the fourth year and covers the following topics: the obligations and rights of physicians; relation of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

The course consists of a series of 12 lectures illustrated with material derived from cases investigated by the office of the Chief Medical Examiner in the Borough of Manhattan.

A second elective course limited to small groups of students is given for periods of approximately four weeks throughout the school year and affords the student an opportunity to study the above mentioned topics at first hand. This course is conducted at the City Mortuary, Bellevue Hospital, where the numerous and varied autopsy and laboratory investigations of the office of the Chief Medical Examiner are carried out. There will also be an opportunity to follow some of the cases into the criminal and civil courts where the method of giving testimony can be observed.

## NEOPLASTIC DISEASE

The Memorial Hospital offers a four-week elective course on the neoplastic diseases to members of the fourth year class. This course consists of approximately 140 hours devoted to a study of the new cases, their diagnosis and treatment. About 40 hours are spent in the pathological laboratory, studying the gross and microscopic pathology of tumors, particularly as relates to tumor groups. The student also has an excellent opportunity to observe the effects of treatment by surgery, x-rays, and radium. The course is closely integrated, so that the student may study many processes of tumor growth and behavior.

## MILITARY MEDICINE

WILLIAM C. MUNLY, Professor of Military Science and Tactics.

This elective course in Military Medicine is given by an Officer of the Medical Corps of the Army, detailed by the Surgeon General. It is a progressive course of four years, of 39 hours' instruction per year.

Any male, physically fit citizen is eligible to take the course. No uniforms are worn and no obligations are incurred, except to complete the course if started. A six weeks' camp at Carlisle, Pa., is held after the second or third year, as elected. During the last two years the student is paid by the government. He is also paid for the camp attendance and is provided his transportation from the University to Carlisle and return.

Upon receiving his degree in Medicine the graduate of this Military Course will be given a commission in the Medical Officers Reserve Corps should he desire to accept the same.

This course is designed to supplement the regular medical curriculum and to give the student an elementary knowledge of Military Medicine. The first year is devoted to the history of military medicine, principles of military science, our system of government and the military policies of the same; the second year to tactical studies, projectiles and war wounds, first aid and evacuation; the third year to hygiene of mass bodies, including control of communicable diseases, disposal of wastes, water purification and camp sanitation; the fourth year to administration and technical organization of hospitals, together with the principles of hospital construction and repair.

## TABLE OF REQUIRED HOURS

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Total</i>
ANATOMY . . . . .	400				
HISTOLOGY . . . . .	196				
NEURO-ANATOMY . . . . .	85				711
TOPOGRAPHICAL ANATOMY . . . . .		30			
BIOCHEMISTRY . . . . .	240				240
PHYSIOLOGY . . . . .	124	114			238
PHARMACOLOGY (Including Ap- plied Pharmacology) . . . . .		131			131
BACTERIOLOGY . . . . .		143			143
PATHOLOGY . . . . .		298			
NEUROPATHOLOGY . . . . .		24			322
MEDICINE . . . . .			372	323	
LABORATORY DIAGNOSIS . . . . .		130			
PHYSICAL DIAGNOSIS . . . . .		132			969
NEUROLOGY . . . . .		12			
SURGERY (including Otolaryngol- ogy, Orthopedics, Urology)			372	289	
OPHTHALMOLOGY . . . . .		21			682
OBSTETRICS AND GYNECOLOGY . . . . .			167	365 Min.	532
PEDIATRICS . . . . .		12	133	70	215
PSYCHIATRY . . . . .		33	32	95	
PSYCHOBIOLOGY . . . . .	22	(12*)			182
PUBLIC HEALTH . . . . .		20	68	33	121
RADIOLOGY . . . . .			8		8
LEGAL MEDICINE . . . . .				12	12
MILITARY MEDICINE . . . . .	(34*)	(32*)			
ELECTIVES . . . . .				(132)	
TOTALS . . . . .	1067	1100	1152	1187	4506

\*Elective.

# FIRST YEAR SCHEDULE

## 1938-39

## FIRST TRIMESTER

SEPT. 22-DEC. 10

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy
10-11						
11-12						
12-1						
1-2		Biochemistry			Biochemistry	
2-3	Histology	Histology		Biochemistry	Histology	
3-4						
4-5			(Spec. Lect.)	Mil. Sci.*		

## SECOND TRIMESTER

DEC. 12-MARCH 4

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Histology	Anatomy	Anatomy** Histology**	Anatomy	Histology	Anatomy
10-11						
11-12						
12-1		Biochemistry		Biochemistry		Biochemistry
1-2	Anatomy	Biochemistry	(Spec. Lect.)	Biochemistry	Anatomy	
2-3						
3-4						
4-5						

\*\*Approximately 7 sessions Anatomy and 4 Histology.

## THIRD TRIMESTER

MARCH 13-MAY 27

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-11	Biochemistry	Neuro-Anatomy	Biochemistry	Neuro-Anatomy	Physiology	Neuro-Anatomy
11-12		Biochemistry		Psychobiol.		Physiology
12-1				Physiology		
1-2	Psychobiology	Physiology		Physiology	Physiology	
2-3						
3-4						
4-5	Library Lectures**		(Spec. Lect.)			

\*Elective.

\*\*4 Sessions

() When Scheduled.



## SECOND YEAR SCHEDULE

1938-39

FIRST TRIMESTER

SEPT. 22-DEC. 10

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9-10	Pharmacology	Physiology	Physiology	Pharmacology	Physiology	Physiology	
10-11			Bacteriology		Pharmacology		Mil. Science†
11-12						Psychobiol*	
12-1							
1-2	Bacteriology	Physiology		Bacteriology	Bacteriology		
2-3							
3-4							
4-5			(Spec. Lect.)				

\*Elective for students who have not had work in the first year.

SECOND TRIMESTER

DEC. 12-MARCH 4

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
10-11						
11-12						
12-1						
1-2						
2-3	Pathology	Physical Diagnosis	Mil. Science†	Physical Diagnosis	Psychiatry	
3-4	Para- sitology					
4-5			(Spec. Lect.)			

THIRD TRIMESTER

MARCH 13-MAY 27

Hours	Monday		Tuesday	Wednesday		Thursday		Friday		Saturday				
9-10	Physical Diagnosis Sec. A	Top Anat. Sec. B	Pathology*	Neu- rology**	Physical Diagnosis Sec. B	Lab. Diag. A	Physical Diagnosis Sec. A.	Lab. Diag. B	Physical Diagnosis Sec. B.	Top. Anat. Sec. A.	Pathology	Neu- rology		
10-11				Neuro- pathol- ogy**								Applied Pharmacology	Applied Pharmacology	Ped.
11-12				Ped.**										
12-1	Laboratory Diagnosis	Laboratory Diagnosis			Laboratory Diagnosis	Laboratory Diagnosis	Ophthal. Path.							
1-2														
2-3														
3-4	Ophthalmol- ogy			(Spec. Lect.)	Mil. Science‡									
4-5														

\*Pathology:--March 13-April 15.

\*\*Neurology, Neuropathology, and Pediatrics: April 17-May 27.

() When Scheduled.

†Elective.

## THIRD YEAR SCHEDULE 1938-39

### TRIMESTER SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Obstet., Ped., Psych., Pub. H. (3) Group B: Surgery (1); Obstet., Ped., Psych., Pub. H. (2); Medicine (3) Group C: Obstet., Ped., Psych. Pub., H. (1); Medicine (2); Surgery (3)					
10-11						
11-12						
12-1	Pb. Health	Ob. & Gyn.	Pediatrics	Medicine	Surgery	Ob. & Gyn.
2-3			Radiology*			
3-4						
4-5			(Spec. Lect.)			
	C.P.C.** 3:30-5:00					

\*Radiology: First 8 weeks of the year (entire class) Sept. 28-Nov. 16, inc.

\*\*Regular section work takes precedence over C.P.C.

() When Scheduled.

First Trimester: September 22-December 10; Holidays Nov. 8 and Nov. 24, 25, 26.

Second Trimester: December 12-March 4; Holidays Dec. 24-Jan. 3; Feb. 22.

Third Trimester: March 6-May 25. Holidays April 7 and 8. (Memorial Day, May 30).

### DETAILED SCHEDULE:

#### OBSTETRICS, PEDIATRICS, PSYCHIATRY, AND PUBLIC HEALTH

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Obstetrics and Gynecology	Pediatrics	Obstetrics and Gynecology	Pediatrics	Obstetrics and Gynecology	
10-11						
11-12						
12-1	Public Health	Ob. & Gyn.	Pediatrics	Medicine	Surgery	Ob. & Gyn.
2-3	C.P.C.	Pediatrics Group 1 Psychiatry Group 2	Radiology	Public Health	Psychiatry Group 1 Pediatrics Group 2	
3-4						
4-5			(Spec. Lect.)			

## FOURTH YEAR SCHEDULE 1938-39

### QUARTER SCHEDULE

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Surgery (1); Ped., Psych., Elect. (2); Medicine (3); Ob. & Gyn. (4). Group B: Medicine (1); Ob. & Gyn. (2); Surgery (3); Ped., Psych. Elect. (4). Group C: Ped., Psych., Elect. (1); Medicine (2); Ob. & Gyn. (3); Surgery (4). Group D: Ob. & Gyn. (1); Surgery (2); Ped., Psych., Elect. (3); Medicine (4).					
10-11						
11-12						
12-1	Medicine	Public Health	Psychiatry	Medicine	Surgery	Legal Med.**
2-3						
3-4						
4-5						
	3:30-5:00 C.P.C.*		(Spec. Lect.)			

\*Regular section work takes precedence over C.P.C.

\*\*From Feb. 25-May 20, inc.

() When scheduled.

### DETAILED SCHEDULE: PEDIATRICS AND PSYCHIATRY

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Pediatrics		Psychiatry	Pediatrics		
10-11						
11-12						
12-1	Medicine	Pb. Health	Psychiatry	Medicine	Surgery	Legal Med.**
2-3	Psychiatry		Pediatrics	Psychiatry		
3-4						
4-5			(Spec. Lect.)			

Group C-1: Ped, Psych, September 22-Oct. 20; Electives Oct. 21-Nov. 19.

Group C-2: Electives September 22-October 20; Ped., Psych. Oct. 21-Nov. 19.

Group A-1: Ped, Psych., Nov. 21-Dec. 23; Electives Jan. 3-Jan. 28.

Group A-2: Electives Nov. 21-Dec. 23; Ped. Psych. Jan. 3-Jan. 28.

Group D-1: Ped., Psych. Jan. 30-Feb. 25; Electives Feb. 27-March 25.

Group D-2: Electives Jan. 30-Feb. 25; Ped., Psych. Feb. 27-March 25.

Group B-1: Ped., Psych. March 27-April 26; Electives April 27-May 25.

Group B-2: Electives March 27-April 26; Ped., Psych. April 27-May 25.

## THE GRADUATE SCHOOL

The Graduate School has exclusive control of all graduate work carried on in the University. Certain professors in the pre-clinical departments of the Cornell University Medical College offer graduate instruction as an integral part (Group F) of the Graduate School of Cornell University. Properly qualified students may accordingly enter upon graduate work in New York City under the jurisdiction of professors in these departments and may become candidates for advanced degrees under the same conditions as apply to students in other divisions of the Graduate School. Although Cornell University Medical College intends to develop special opportunities for advanced work of high quality in the medical sciences and in the clinical fields, it does not at present offer work corresponding to that usually described as *clinical post-graduate work*.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Application for admission should be made at the office of the Dean, Cornell University Medical College, New York City, where the necessary forms may be obtained. Dr. C. V. Morrill, Chairman of Group F of the Graduate School may be consulted (at the medical college) for additional information. Since the number of graduate students who can be accommodated is limited, a personal interview is required of all applicants *before the filing of forms*. Applicants who have been accepted should file their forms at the earliest possible date, ordinarily not later than September 15 and January 15 for entrance to the first and second terms, respectively.

Students may be admitted to the Graduate School at the medical college in one of the following two classes:

- (1) Candidates for degrees;
- (2) Graduate students not candidates for degrees; "non-candidates".

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the pamphlet entitled *The Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this announcement may be obtained at the Administrative Offices of the medical college or directly from the Graduate School at Ithaca, N. Y.

## TUITION AND OTHER FEES

A *Tuition Fee* of \$150 for the academic year is to be paid by all students registered in the Graduate School. It is payable in installments of \$75 at the beginning of each term.

A member of the teaching or scientific staff registered in the Graduate School of the Medical College shall pay tuition at the rate of three-quarters of the tuition regularly charged full time students.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

An *Administration Fee* of \$25 is to be paid by all students registered in the Graduate School except Honorary Fellows. It is payable in installments of \$12.50 at the beginning of each term.

A *Matriculation Fee* of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

A *Graduation Fee* of \$20 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

A *Thesis Fee* of \$10 is required, at least ten days before the degree is to be conferred, of each candidate for the degree, Doctor of Philosophy. This fee is in addition to the \$20 graduation fee.

## TUITION SCHOLARSHIPS

For Graduate students, the Board of Trustees has established thirty tuition scholarships, twenty for work in the endowed colleges and ten for work in the state-supported colleges. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School. Awards are made in May of each year.

## SPECIAL STUDENTS

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Offices of the medical college and must pay their fees at the business office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

### FEES

Matriculation Fee . . . . .	\$10
Administration Fee . . . . .	5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

# INTERNSHIP APPOINTMENTS, CLASS OF 1938 DOCTORS OF MEDICINE, JUNE 15, 1938

Robert Joseph Amberg, A.B.	Newark City Hospital, Newark, N. J.
Talcott Bates, A.B.	St. Luke's Hospital, New York City
Ruth Pirkle Berkeley, A.B., M.S.	No internship wanted
Kingsley Bishop, A.B.	Englewood Hospital, Englewood, N. J.
Willard James Blauvelt, A.B.	Albany Hospital, Albany, N. Y.
Austin Patrick Boleman, Jr., B.S.	Lenox Hill Hospital, New York City
Madeline Burlingame, A.B.	Long Island College Hospital, Brooklyn, N. Y.
Louis Thobro Campbell, A.B.	Denver General Hospital, Denver, Colo.
Walter Titus Carpenter, Jr., A.B.	Bellevue Hospital, New York City
Eugene Jerrin Cohen, A.B., M.S.	Beth Israel Hospital, Boston, Mass.
William Henry Curley, Jr., B.S.	New York Hospital, New York City
Gustave John Dammin, A.B.	The Johns Hopkins Hospital, Baltimore, Md.
Wilbur George Downs, A.B.	New York Hospital, New York City
R. Stuart Dyer, A.B.	St. Luke's Hospital, New York City
Aaron Robinson Edwards, A.B.	Harper Hospital, Detroit, Michigan
Alan Harold Fenton, A.B.	French Hospital, New York City
Wesley Fenton Fitzpatrick, B.S.	Norwalk General Hospital, Norwalk, Conn.
Ellen Bellows Foot, A.B.	New York Hospital, New York City
William Isaac Glass, A.B.	Mount Sinai Hospital, New York City
Stephen Lawrence Gumpert, A.B.	Lenox Hill Hospital, New York City
Lawrence Wilson Hanlon, A.B.	Rochester General Hospital, Rochester, N. Y.
Helen Stevens Haskell, A.B., A.M.	Grasslands Hospital, Valhalla, N. Y.
Emerson Randolph Hatcher, A.B.	Starling-Loving University Hospital, Columbus, Ohio
Martin Joseph Healy, Jr., A.B.	New York Hospital, New York City
A. Wesley Hildreth, A.B.	Abington Memorial Hospital, Abington, Pa.
Clayton Stanley Hitchins, A.B.	New York Hospital, New York City
Frederick John Hughes, Jr., A.B.	New York Hospital, New York City
John David Hunter, A.B.	Meadowbrook Hospital, Hempstead, N. Y.
Quentin McAdams Jones, A.B.	Fordham Hospital, New York City
Frederick Stephen Kinder, A.B.	St. Vincent's Hospital, Bridgeport, Conn.
Gilbert Lacy Klemann, A.B.	Bellevue Hospital, New York City
George Mahlon Knapp, A.B.	New York Hospital, New York City
Robert Miller Laughlin, A.B.	Pittsburgh Medical Center, Pittsburgh, Pa.
Aaron Lee Lichtman, B.S.	The Queens General Hospital, Jamaica, N. Y.
Charles Albertson Lippincott, B.S.	New York Hospital, New York City
Ann Lavinia Martin, A.B.	Jersey City Medical Center, Jersey City, N. J.
A. Edward Maumence, Jr., A.B.	The Johns Hopkins Hospital, Baltimore, Md.
Stephen Christopher Meigher, A.B.	New York Hospital, New York City
Curtis Lester Mendelson, A.B.	New York Hospital, New York City
Clifford Wheeler Mills, A.B.	Norwalk General Hospital, Norwalk, Conn.
Alvin Robert Mintz, A.B.	Jersey City Medical Center, Jersey City, N. J.
Cornelia Davis Morse, A.B.	Bellevue Hospital, New York City
Stanley Fletcher Morse, Jr., A.B.	Bellevue Hospital, New York City

Charles Lamar Neill, Jr.	Bellevue Hospital, New York City
Robert Carl Nydegger, A.B.	Jefferson Hospital, Philadelphia, Pa.
Barnard D. Patterson, A.B.	Methodist-Episcopal Hospital, Brooklyn, N. Y.
Charles Ressler, B.S.	Bellevue Hospital, New York City
Joseph George Riekert, A.B.	Bellevue Hospital, New York City
Haskell Benjamin Rosenblum, A.B.	Mount Sinai Hospital, Cleveland, Ohio
Elmer Key Sanders, B.S.	Presbyterian Hospital, New York City
Stuart Sanger, B.S.	Bellevue Hospital, New York City
Ralph Hunt Seeley, Jr., A.B.	Hartford Hospital, Hartford, Conn.
John James Smith, A.B.	New York Hospital, New York City
Elizabeth Bond Stout, A.B.	Grasslands Hospital, Valhalla, N. Y.
Hoyt Chase Taylor, A.B., A.M.	New York Hospital, New York City
Norman Davis Thetford, A.B.	Methodist-Episcopal Hospital, Brooklyn, N. Y.
Marvin Loughran Thompson, A.B.	The Genesee Hospital, Rochester, N. Y.
Frederick C. Thorne, A.B., A.M., Ph.D.	No internship wanted
Stephen Herbert Tolins, A.B.	New York Hospital, New York City
Daniel Michael Tolmach, A.B.	Albany Hospital, Albany, N. Y.
Arthur F. Valenstein, A.B.	Cincinnati General Hospital, Cincinnati, Ohio
Samuel Austell Wilkins, Jr., A.B.	Bellevue Hospital, New York City
Edwin Thurston Williams, B.S.	Jersey City Medical Center, Jersey City, N. J.
Roger Gilbert Windsor, A.B.	Duke University Hospital, Durham, N. C.
Griffith Joel Winthrop, A.B.	Strong Memorial Hospital, Rochester, N. Y.
Herbert John Wright, Jr., A.B.	St. Luke's Hospital, New York City



## STUDENTS, 1938-1939

### FOURTH YEAR

Thomas Pattison Almy, A.B., 1935, Cornell University	Redding, Conn.
William Stevenson Armour, A.B., 1935, Cornell University	East Orange, N. J.
Thomas Lyon Ball, A.B., 1936, Cornell University	Mahanoy City, Pa.
Henry Saunder Berkowitz, A.B., 1935, Cornell University	Brooklyn, N. Y.
Raymond Milton Brown, B.S., 1935, Cornell University	New York, N. Y.
William Gunton Budington, A.B., 1936, Columbia University	New York, N. Y.
Walter Richard Buerger, A.B., 1936, Cornell University	Eggertsville, N. Y.
Francis Guy Casey, B.S., 1935, Manhattan College	Brooklyn, N. Y.
Melva Adeline Clark, A.B., 1935, Wellesley College	Hempstead, N. Y.
Charles Wilson Collins, Jr., B.S., 1935, University of Virginia	Milford, Conn.
Nathaniel Comden, A.B., 1935, Cornell University	New York, N. Y.
John Henry Dale, Jr., B.S., 1935, Hamilton College	Englewood, N. J.
Alfred Dudley Dennison, Jr., A.B., 1935, Hamilton College	Johnstown, N. Y.
Thomas Joseph Dring, B.S., 1935, Rhode Island State College	Newport, R. I.
Herman Feinstein, A.B., 1936, Cornell University	Huntington, N. Y.
Sarah E. Flanders, A.B., 1935, Bryn Mawr College	New York, N. Y.
J. Scott Gardner, A.B., 1935, University of Utah	Cedar City, Utah
Regina Gluck, A.B., 1934, University of Wisconsin	Lawrence, N. Y.
Henry Goebel, Jr., A.B., 1935, Columbia University	Jamaica, N. Y.
Julian P. Griffin, B.S., 1935, Massachusetts State College	Indian Orchard, Mass.
Harvey Paterson Groesbeck, Jr., A.B., 1935, Union College	Schenectady, N. Y.
Gert S. Gudernatsch, A.B., 1935, Cornell University	New York, N. Y.
Arthur Digby Hengerer, B.S., 1935, Hamilton College	Buffalo, N. Y.
Edgar Rhuel Hyde, Jr., A.B., 1936, Dartmouth College	New York, N. Y.
Leroy Hyde, A.B., 1936, Cornell University	Brooklyn, N. Y.
Ivan Isaacs, A.B., 1935, Cornell University	New York, N. Y.
Richard Gentry Jackson, A.B., 1935, Centre College	Danville, Ky.
Herman Lawrence Jacobius, A.B., 1936, Columbia University	New York, N. Y.
Louis R. Kent, A.B., 1935, Oberlin College	Port Washington, N. Y.
August Martin Kleeman, B.S., 1935, Harvard College	Maplewood, N. J.
Frederick John Knocke, A.B., 1935, Princeton University	New York, N. Y.
Edward Charles Kunkle, Jr., A.B., 1935, Haverford College	Mount Vernon, N. Y.
Robert Landesman, A.B., 1936, Columbia University	New York, N. Y.
Vincent de Paul Larkin, A.B., 1935, Fordham University	New York, N. Y.
Ivar Joseph Larsen, B.S., 1935, Connecticut State College	Stratford, Conn.
James Henry Lockhart, Jr., A.B., 1935, Princeton University	Pittsburgh, Pa.
Hamilton Meeks McCroskery, A.B., 1935, Wesleyan University	East Orange, N. J.
Malcolm Judd Mann, A.B., 1936, Cornell University	New York, N. Y.
John Henry Mayer, Jr., A.B., 1936, Cornell University	Kansas City, Mo.
Donald Richard Morrison, B.S., 1935, Fordham University	New York, N. Y.
Hugh Mullan, B.S., 1934, U. S. Naval Academy	Montreal, Canada
Equinn William Munnell, B.A., 1935, Amherst College	Sayville, N. Y.
George E. Poucher, Jr., A.B., 1934, DePauw University	Rochester, Pa.
Francis Zenville Reinus, A.B., 1934, Amherst College	New York, N. Y.
Charles Edward Robinson, Jr., A.B., 1936, Cornell University	Brooklyn, N. Y.
Karl Dean Rundell, A.B., 1936, Cornell University	Owego, N. Y.
William A. Sainsbury, A.B., 1936, Syracuse University	Brooklyn, N. Y.
Charles Adrian Sand, A.B., 1936, Columbia University	San Francisco, Cal.
Addison Beecher Scoville, Jr., A.B., 1936, Cornell University	Mt. Vernon, N. Y.
Alan Gilbert Simpson, Jr., A.B., 1935, Wesleyan University	Douglaston, N. Y.
Lois Miller Smedley, A.B., 1935, Mount Holyoke College	Brooklyn, N. Y.
Charles Steenburg, A.B., 1936, Cornell University	Spencer, N. Y.
Raymond Arthur Sterrett, A.B., 1926, Princeton University	New York, N. Y.

Richard Harrington Stevens, A.B., 1935, Bard College	Tuckahoe, N. Y.
Joseph Deuel Sullivan, B.S., 1935, Fordham University	New York, N. Y.
Vivian Allison Tenney, A.B., 1935, Barnard College	New York, N. Y.
Ralph Raymond Tompsett, A.B., 1934, Cornell University	Tidioute, Pa.
LeRoy Otten Travis, A.B., 1935, Lehigh University	Great Neck, N. Y.
George Arthur Vassos, Jr., B.S., 1936, Massachusetts State College	Springfield, Mass.
Robert J. Whipple, B.S., 1935, New York University	McConnellsville, N. Y.
Frederick Albert Wilson, A.B., 1935, Cornell University	Sag Harbor, N. Y.
William Graves Woodin, A.B., 1936, Cornell University	Dunkirk, N. Y.
Harold Samuel Wright, A.B., 1936, Cornell University	Norwood, N. Y.

## THIRD YEAR STUDENTS

Edward Topf Adelson, A.B., 1936, Cornell University	Newark, N. J.
Katherine Hunter Anderson, B.S., 1930, Carnegie Inst. of Technology	Union Springs, Ala.
Frank Lynn Armstrong, A.B., 1936, Cornell University	Milford, N. Y.
Lamson Blaney, B.S., 1936, Harvard College	New York, N. Y.
Harry Abner Bradley, A.B., 1937, Cornell University	Monticello, N. Y.
Everett Curme Bragg, A.B., 1936, Cornell University	White Plains, N. Y.
Wilhelm Henning Brauns, B.S., 1936, Hamilton College	Buffalo, N. Y.
Ezra Volk Bridge, A.B., 1936, Cornell University	Rochester, N. Y.
John Veatch Brundage, A.B., 1936, Ohio State University	Columbus, Ohio
Robert Boyce Bryant, B.S., 1936, Middlebury College	Malone, N. Y.
William Herster Burke, A.B., 1937, Cornell University	Elmira, N. Y.
Alvin Maurice Cahan, A.B., 1936, Cornell University	New York, N. Y.
Donald Campbell, B.S., 1936, Fordham University	New York, N. Y.
James Daniel Canter, A.B., 1936, Columbia University	New York, N. Y.
John Milton Chapman, A.B., 1936, Cornell University	Rochester, N. Y.
Francis Place Coombs, A.B., 1937, Colgate University	Brattleboro, Vt.
George L. Crane, B.A., 1935, University of North Carolina	New York, N. Y.
John Joseph Creedon, A.B., 1937, Columbia University	Flushing, N. Y.
George Beven Davis, A.B., 1936, Cornell University	Kingston, Pa.
James Alexander Dingwall, III, A.B., 1936, Dartmouth College	Scarsdale, N. Y.
William Augustus Donnelly, A.B., 1934, Yale University	Bridgeport, Conn.
Charles Dusenberry, A.B., 1935, Princeton University	New York, N. Y.
Lisgar Bowne Eckardt, A.B., 1931, DePauw University,	
M.A., 1933, Ohio University	Greencastle, Ind.
William Francis Finn, A.B., 1936, Holy Cross College	Weehawken, N. J.
Herman Israel Frank, A.B., 1936, Cornell University	Bayonne, N. J.
Helena Gilder, A.B., 1935, Vassar College	Syosset, N. Y.
Marie Elizabeth Grant, A.B., 1936, Barnard College	Summit, N. J.
Robert Purvis Grant, A.B., 1937, Cornell University	Plandome, N. Y.
John Anthony Grimshaw, A.B., 1936, Cornell University	New Rochelle, N. Y.
William Henry Gullede, A.B., 1937, Cornell University	Wadesboro, N. C.
Keith Osmond Guthrie, Jr., A.B., 1937, Cornell University	Pleasantville, N. Y.
Samuel Arnold Guttman, A.B., 1934, Cornell University	New York, N. Y.
Thomas Shelor Harbin, B.S., 1937, Emory University	Rome, Ga.
John Robert Herman, A.B., 1937, Dartmouth College	New York, N. Y.
Suzanne Adele Louise Howe, A.B., 1936, Barnard College	Garden City, N. Y.
Charles Keeling Kirby, B.S., 1936, Trinity College	Springfield, S. D.
William Murray Maurice Kirby, B.S., 1936, Trinity College	Springfield, S. D.
Robert August Kritzler, A.B., 1936, Columbia University	Bayside, N. Y.
Frances Shaw Lansdown, A.B., 1927, H. Sophie Newcomb	
Memorial College	Jackson Heights, N. Y.
Edmond Peter Larkin, A.B., 1936, Amherst College	Northampton, Mass.
Charles Henry Loomis, A.B., 1936, Oberlin College	Sidney, N. Y.
Kenneth Gordon MacDonald, A.B., 1936, Washington and Lee University	Clifton, N. J.
Lloyd Wayland Macfarlane, A.B., 1936, University of Utah	Cedar City, Utah
William Wayne Manson, A.B., 1937, Cornell University	East Orange, N. J.

- John Lynn Messersmith, A.B., 1936, Cornell University  
 Arthur Gordon Murphy, A.B., 1937, New York University  
 Francis James Murray, B.S., 1936, University of Notre Dame  
 William More Parke, Jr., B.S., 1936, Colgate University  
 Ethel Billie Powell, A.B., 1936, University of Arizona  
 Edwin Rudolph Raymaley, Jr., B.S., 1936, Bucknell University  
 Robert Murray Richman, A.B., 1936, Cornell University  
 Samuel Aloysius Robb, A.B., 1936, Fordham University  
 Howard C. Robbins, B.S., 1933, Ursinus College,  
 M.A., 1936, Columbia University  
 James Bryant Rooney, A.B., 1937, Cornell University  
 Walter Adams Russell, B.A., 1933, Wesleyan University  
 Gerald Sinnott Ryan, A.B., 1936, Princeton University  
 Jacques Conrad Saphier, A.B., 1936, Cornell University  
 Carl Julius Schmidlapp, A.B., 1935, Princeton University  
 Cornelius Edward Sedgwick, B.S., 1936, Bucknell University  
 Helen A. Marie Seibert, A.B., 1936, Syracuse University  
 Edward Morse Shepard, A.B., 1936, Williams College  
 Robert Wilton Shreve, A.B., 1936, Cornell University  
 Stanley Joel Snitow, B.S., 1936, College of the City of New York  
 Elizabeth Elwood Spaulding, A.B., 1936, Cornell University  
 Donald Elwood Stokes, A.B., 1937, Cornell University  
 Charles Matthews Strateman, A.B., 1936, Columbia University  
 John Anthony Strazza, A.B., 1936, Princeton University  
 Walter Thomas Sullivan, Jr., B.S., 1932, University of Notre Dame  
 Walter Chaplain Vail, A.B., 1937, Cornell University  
 William Whitney Walker, B.S., 1936, Fordham University  
 William Eric Williams, A.B., 1936, Williams College  
 John Evans Wilson, B.S., 1936, University of Florida  
 George Anthony Wolf, Jr., B.S., 1936, New York University  
 Westfield, N. J.  
 Montclair, N. J.  
 Elizabeth, N. J.  
 Brooklyn, N. Y.  
 Casa Grande, Ariz.  
 Wilkinsburg, Pa.  
 New York, N. Y.  
 New York, N. Y.  
 Bridgeton, N. J.  
 Nyack, N. Y.  
 Somersworth, N. H.  
 Larchmont, N. Y.  
 Brooklyn, N. Y.  
 Cincinnati, Ohio  
 Roselle Park, N. J.  
 Hummelstown, Pa.  
 New York, N. Y.  
 Hastings-on-Hudson, N. Y.  
 New York, N. Y.  
 New York, N. Y.  
 Maplewood, N. J.  
 White Plains, N. Y.  
 Bloomfield, N. J.  
 Auburn, N. Y.  
 Cortland, N. Y.  
 New York, N. Y.  
 Rutherford, N. J.  
 Jacksonville, Fla.  
 Montclair, N. J.

## SECOND YEAR

- Joffre Victor Achin, B.S., 1937, Tufts College  
 Clifford Arthur Bachrach, A.B., 1937, Cornell University  
 Margaret Bashford, A.B., 1937, Vassar College  
 Louis Vincent Belott, B.S., 1936, St. Peter's College  
 Morley Leonard Bernstein, A.B., 1938, Cornell University  
 Hobert Meredith Berry, A.B., 1938, Cornell University  
 Robert Thomson Breed, A.B., 1937, Amherst College  
 Thomas John Bridges, A.B., 1937, University of Rochester  
 Wilbur Buholtz, A.B., 1937, University of Rochester  
 Seymour Menzo Bulkley, B.S., 1937, Cornell University  
 Benjamin Wells Bullen, Jr., A.B., 1936, Brown University  
 William Nesbitt Chambers, A.B., 1936, Amherst College  
 Maynard Burton Chenoweth, A.B., 1938, Columbia College  
 Edward Wyker Closson, Jr., B.S., 1937, Cornell University  
 Elizabeth Nelson Conover, A.B., 1937, Wellesley College  
 Arthur Dale Console, B.S., 1937, Cornell University  
 Francis Leroy Cooper, Jr., A. B., 1937, Bowdoin College  
 Stanford Dann Cramer, A.B., 1937, Colgate University  
 Helen Elizabeth Daniells, A.B., 1937, Barnard College  
 Eric Winston Davidson, A.B., 1938, Dartmouth College  
 Wilbur Mayfield Dixon, A.B., 1937, Cornell University  
 Charles Edward Dougherty, B.S., 1937, Fordham University  
 William Joseph Eisenmenger, B.S., 1937, Fordham University  
 Edward Alden Ellison, A.B., 1936, Colgate University  
 Hayden Oliver Evans, A.B., 1938, Cornell University  
 Lawrence Gahagan, B.S., 1925, M.A., 1927, Ph.D., 1929, Princeton  
 Lowell, Mass.  
 Brooklyn, N. Y.  
 Yonkers, N. Y.  
 West Orange, N. J.  
 Niagara Falls, N. Y.  
 Lynbrook, N. Y.  
 Lynn, Mass.  
 Fairport, N. Y.  
 Churchville, N. Y.  
 Odessa, N. Y.  
 White Plains, N. Y.  
 New York, N. Y.  
 Weehawken, N. J.  
 Lambertville, N. J.  
 Greenwich, Conn.  
 Brooklyn, N. Y.  
 Brockton, Mass.  
 Rockville Centre, N. Y.  
 New Rochelle, N. Y.  
 Upper Montclair, N. J.  
 Binghamton, N. Y.  
 Harrison, N. Y.  
 New York, N. Y.  
 Albany, N. Y.  
 Tamaqua, Pa.  
 Los Angeles, Calif.

Fort McPherson, Ga.  
Rochester, N. Y.  
Gallipolis, Ohio  
Haverford, Pa.  
Atlanta, Ga.  
Los Angeles, Calif.  
Amherst, Mass.  
Mink Creek, Idaho  
Brooklyn, N. Y.  
Brooklyn, N. Y.  
Rochester, N. Y.  
Brooklyn, N. Y.  
Brooklyn, N. Y.  
Bridgeport, Conn.  
Arlington, N. J.  
Winchester, Mass.  
Swarthmore, Pa.  
Larchmont, N. Y.  
Dunkirk, N. Y.  
New York, N. Y.  
Brooklyn, N. Y.  
New York, N. Y.  
Garden City, N. Y.  
Scarsdale, N. Y.  
Rockport, Mass.  
New York, N. Y.  
Plainfield, N. J.  
East Hampton, N. Y.  
Maplewood, N. J.  
Brooklyn, N. Y.  
Scottsville, N. Y.  
Kansas City, Mo.  
Mountain Lakes, N. J.  
Antic Highlands, N. J.  
Taunton, Mass.  
Garden City, N. Y.  
Ithaca, N. Y.  
Rochester, N. Y.  
New York, N. Y.  
Auburn, N. Y.

FIRST YEAR

Upper Montclair, N. J.  
San Mateo, Calif.  
Brooklyn, N. Y.  
York New York, N. Y.  
New York, N. Y.  
New York, N. Y.  
ology New York, N. Y.  
ntific School  
Morrow, Ohio  
New York, N. Y.  
ntucky Somerset, Ky.  
Bangor, Maine

- William Joseph Curry, B.S., 1938, Manhattan College  
 George William Dana, A.B., 1938, Dartmouth College  
 William Hope Dean, B.S., 1938, Brown University  
 Julius Herbert Dietz, Jr., A.B., 1938, Columbia College  
 Dorcas Agnes Dixon, A.B., 1936, Smith College  
 Richard Byron Donaldson, B.S., 1938, Washington and Jefferson  
 William Russell Eastman, Jr., A.B., 1938, Pomona College  
 Bruce M. Esplin, Cornell University\*  
 John Thomas Flynn, A.B., 1937, Fordham University  
 Robert Emmett Foley, A.B., 1938, Dartmouth College  
 Trumbull Frazer, A.B., 1938, Yale University  
 Bettina Boyd Garthwaite, A.B., 1937, Vassar College  
 Theodore Charles Gerwig, Jr., A.B., 1938, Cornell University  
 Onslow Allen Gordon, III, A.B., 1938, Dartmouth College  
 Vincent Augustine Gorman, A.B., 1935, University of Notre Dame  
 William Joseph Grace, B.S., 1938, St. Peter's College  
 William Arthur Harvey, A.B., 1938, Fordham University  
 George Hathaway, Jr., B.A., 1938, Colgate University  
 Elwood Henneman, B.A., 1937, Harvard University  
 Robert Cornelius Hickey, B.S., 1938, Cornell University  
 John Stone Hooley, A.B., 1938, Cornell University  
 William Theron Hudspeth, B.A., 1936, University of Arizona  
 Carlton Culyer Hunt, A.B., 1939, Columbia College  
 John Henry Huss, A.B., 1938, Columbia University  
 Daniel Robert Keating, B.S., 1938, Holy Cross College  
 Robert McKee Kiskaddon, A.B., 1938, Washington and Jefferson  
 Charles Monroe Landmesser, Cornell University\*  
 Lawrence Lee, Jr., B.S., 1938, University of Virginia  
 Camillus Saunders L'Engle, Jr., B.S., 1938, University of Virginia  
 Daniel Easer Lester, B.S., 1938, Fordham University  
 David Hower MacFarland, A.B., 1938, Cornell University  
 John Francis McGrath, B.A., 1938, Amherst College  
 Henry Elliot Mallinckrodt, A.B., 1938, Harvard College  
 Richard Vernon Mansell, A.B., 1936, Colgate University,  
 M.A., 1938, Syracuse University  
 Robert George Marks, A.B., 1938, Columbia College  
 John Burton Mayes, Ohio University\*  
 Frederic Breed Mayo, A.B., 1938, Amherst College  
 Stanley Donald Melville, B.S., 1938, Pennsylvania State College  
 Silas Mercer Moorman, Jr., A.B., 1938, Harvard College  
 William Talbot Mosenthal, A.B., 1938, Dartmouth College  
 Thomas Edward Mosher, B.S., 1938, College of the City of New York  
 Robert Cushman Murphy, Jr., A.B., 1938, Harvard University  
 Carleton McKenzie Neil, A.B., 1938, Columbia University  
 Ellen Brooks Newton, A.B., 1938, Bryn Mawr College  
 Ward Daniel O'Sullivan, A.B., 1938, Fordham College  
 Albert Morss Patten, A.B., 1938, Washburn College  
 Arthur Nottingham Pauly, A.B., 1938, Cornell University  
 Raymond Pearson, A.B., 1938, Cornell University  
 John McClelland Peck, B.S., 1938, Cornell University  
 Charles Richard Perryman, B.A., 1938, Dartmouth College  
 Arthur Delong Philson, B.S., 1938, University of Notre Dame  
 Robert Seymour Pollack, A.B., 1938, Dartmouth College  
 Oliver James Purnell, A.B., 1938, Duke University  
 Walter Franklin Riker, Columbia University\*  
 Franklin Robinson, Columbia University\*  
 Philip Sapir, B.S., 1938, Yale University  
 Irving Sarnoff, A.B., 1938, Cornell University  
 Robert Joseph Schaeffer, B.S., 1938, Pennsylvania State College  
 Jackson Heights, N. Y.  
 Scarsdale, N. Y.  
 New York, N. Y.  
 New York, N. Y.  
 Old Westbury, N. Y.  
 E. Cleveland, Ohio  
 La Jolla, Calif.  
 Dansville, N. Y.  
 Erie, Pa.  
 Worcester, Mass.  
 Asheville, N. C.  
 Conshohocken, Pa.  
 Pittsburgh, Pa.  
 Brooklyn, N. Y.  
 Kingston, N. Y.  
 Jersey City, N. J.  
 Brooklyn, N. Y.  
 Upper Montclair, N. J.  
 Pelham, N. Y.  
 Barton, N. Y.  
 Rockville Centre, N. Y.  
 Tuscon, Ariz.  
 New York, N. Y.  
 Port Chester, N. Y.  
 Milwaukee, Wis.  
 Coshocton, Ohio  
 Millburn, N. J.  
 Savannah, Georgia  
 Jacksonville, Fla.  
 East Hampton, N. Y.  
 Utica, N. Y.  
 New York, N. Y.  
 St. Louis, Mo.  
 New York, N. Y.  
 New York, N. Y.  
 Brooklyn, N. Y.  
 Lynn, Mass.  
 Carbondale, Pa.  
 New York, N. Y.  
 Upper Montclair, N. J.  
 New York, N. Y.  
 Bronxville, N. Y.  
 North Bergen, N. J.  
 New York, N. Y.  
 New York, N. Y.  
 Topeka, Kans.  
 Montclair, N. J.  
 Ithaca, N. Y.  
 Cortland, N. Y.  
 Red Oak, Iowa  
 Pelham Manor, N. Y.  
 New York, N. Y.  
 Rockville, Conn.  
 Hasbrouck Heights, N. J.  
 New York, N. Y.  
 New Haven, Conn.  
 Ossining, N. Y.  
 Jeannette, Pa.

\*Admitted under Clause II.

- |  |                     |
|--|---------------------|
| Joseph Schulman Shapiro, Cornell University*                             | Paterson, N. J.     |
| John Wilson Smillie, B.A., 1938, Dartmouth College                       | Scarsdale, N. Y.    |
| Sabato-Vincent R. Sordillo, A.B., 1938, Columbia College                 | Hoboken, N. J.      |
| Walter Joseph Sperling, Jr., B.S., 1938, Wesleyan University             | New York N. Y.      |
| Charles Arthur Lloyd Stephens, Jr., A.B., 1938, Cornell University       | New Rochelle, N. Y. |
| Katharine Whitin Swift, A.B., 1938, Smith College                        | Whitinsville, Mass. |
| Corrine Louise Tanner, B.A., 1938, Reed College                          | Portland, Oregon    |
| Ralph Pierre Townsend, A.B., 1938, Wesleyan College                      | Hartsdale, N. Y.    |
| William Easton Wakeley, Jr., A.B., 1938, University<br>of North Carolina | South Orange, N. J. |
| Eva Brynhild Wallen, B.A., 1938, Wellesley College                       | Morrisville, Pa.    |
| Willet Francis Whitmore, B.S., 1938, Rutgers University                  | Amityville, N. Y.   |
| John Rawling Willoughby, Jr., A.B., 1938, Amherst College                | Warren, Ohio        |
| Thomas Scudder Winslow, A.B., 1938, Princeton University                 | New York, N. Y.     |

## SUMMARY

Fourth Year . . . . .	63
Third Year . . . . .	73
Second Year . . . . .	71
First Year . . . . .	82
Total . . . . .	289

## STUDENTS IN THE GRADUATE SCHOOL

*Doctor of Philosophy, 1938*

Virginia E. Trevorrow, A.B., 1931, Denver University,  
M.A., 1933, Colorado University Denver, Colo.

*Master of Science, 1938*

Henderika J. Rynbergen, B.S., 1922, Simmons College Laurelton, N. Y.

*Master of Arts, 1938*

Sylvia Schutz, A.B., 1936, Hunter College New York, N. Y.

*Candidate for Degree of Doctor of Philosophy*

Alice G. Elftman, B.A., 1926, New York College for Teachers  
M.A., 1929, Cornell University Leonia, N. J.

*Candidate for Degree of Master of Arts*

Miriam Kornblith, B.A., 1937, Barnard College Brooklyn, N. Y.

## SPECIAL STUDENTS

## 1937-38

Margaret Donovan Bailly, A.B., Manhattanville College White Plains, N. Y.  
Maryland Burns Byrne, M.D., 1917, Women's Medical College,  
M.A., 1931, Columbia University New York, N. Y.  
Eyup Canat, M.D., Moscow Medical University of Istanbul Ankara, Turkey  
David Goldphan, B.S., 1935, College of the City of New York New York, N. Y.  
Morris D. Heller, A.B., 1927, Cornell University,  
M.D., 1931, Yale University School of Medicine New York, N. Y.  
Nathan Nemerson, B.S., 1922, New York University,  
M.D., 1926, Cornell University South Fallsburg, N. Y.  
Irving Rappaport, B.S., 1936, New York University,  
M.S., 1937, New York University New York, N. Y.

## THE MEDICAL COLLEGE STAFF

- Adair, Frank E., *Surgery*  
 Adams, Elisabeth C., *Medicine*  
 Adams, Harold B., *Pediatrics*  
 Allen, Edward B., *Psychiatry*  
 Anderson Arthur F., *Pediatrics*  
 Andre, Rose, *Surgery*  
 Andrus, William de Witt, *Surgery*  
 Angevine, D. Murray, *Pathology, Medicine*  
 Antenucci, Arthur J., *Medicine*  
 Antoville, Abraham A., *Medicine*  
 Apgar, Charles S., *Anatomy*  
 Applebaum, Jacob, *Surgery*  
 Archer, William M., *Medicine*  
 Ashe, Benjamin I., *Medicine*  
 Ayres, William H., *Surgery*
- Babers, Henry J., *Surgery*  
 Bailey, Robert L., Jr., *Medicine*  
 Baldwin, Horace S., *Medicine*  
 Balensweig, Irvin, *Surgery*  
 Barbu, Valer, *Psychiatry*  
 Barker, Samuel Booth, *Physiology*  
 Barnes, William A., *Surgery*  
 Barringer, Benjamin S., *Surgery*  
 Bayer, D. Scott, *Obstetrics and Gynecology*  
 Beard, James R., Jr., *Medicine*  
 Beeuwkes, Henry, *Medicine*  
 Belcher, Anne M., *Surgery*  
 Bell, Aaron D., *Neurology*  
 Benson, Ralph C., *Obstetrics and Gynecology*  
 Benton, Arthur L., *Psychiatry (Psychology)*  
 Bercovitz, Zacharias, *Medicine*  
 Bergamini, Herbert, *Surgery*  
 Berliner, Milton L., *Surgery*  
 Bethea, James M., *Medicine*  
 Binger, Carl A., *Medicine (Psychiatry)*  
 Binkley, George E., *Medicine*  
 Bossert, Lester, *Obstetrics and Gynecology*  
 Bowers, Ralph F., *Surgery*  
 Brahdry, M. Bernard, *Pediatrics*  
 Brane, Charles M., *Surgery*  
 Bray, Harry, *Medicine*  
 Brodman, Keeve, *Medicine*  
 Brown, Veronica C., *Psychiatry*  
 Brush, A. Louise, *Psychiatry*  
 Buckstein, Jacob, *Surgery, Medicine*  
 Burkhardt, Edward A., *Medicine*  
 Butler, Katherine, *Medicine*
- Carty, John R., *Radiology*  
 Cary, William H., *Obstetrics and Gynecology*  
 Casals, Jorge, *Pathology*  
 Cattell, McKeen, *Pharmacology*
- Cecil, Russell L., *Medicine*  
 Chambers, William H., *Physiology*  
 Chandler, Joseph P., *Biochemistry*  
 Cheney, Clarence O., *Psychiatry*  
 Chenoweth, Arthur I., *Surgery*  
 Child, Charles G., III, *Surgery*  
 Clifton, E. Everett, *Surgery*  
 Cobb, Clement B. P., *Pediatrics*  
 Conkey, Ogden F., *Obstetrics and Gynecology*  
 Conner, Lewis A., *Medicine*  
 Conway, J. Herbert, *Surgery*  
 Cooke, Robert A., *Medicine*  
 Cooper, Mary, *Surgery*  
 Cooper, William A., *Surgery*  
 Cornell, Nelson W., *Surgery*  
 Coryllos, Pol N., *Surgery*  
 Coston-Conner, Laila, *Medicine*  
 Craig, Robert L., *Obstetrics and Gynecology*  
 Craver, Lloyd F., *Medicine*  
 Cussler, Edward, *Medicine*
- Dann, Margaret, *Pediatrics*  
 Davis, John Staige, Jr., *Surgery*  
 Dean, Archie L., Jr., *Surgery*  
 Deitrick, John E., *Medicine*  
 Denker, Peter G., *Medicine*  
 Dennen, Edward H., *Obstetrics and Gynecology*  
 Diethelm, Oskar, *Psychiatry*  
 Dineen, Paul A., *Surgery*  
 Dodd, Edward M., *Medicine*  
 Dooley, Parker, *Pediatrics*  
 Doty, Edwin J., *Psychiatry*  
 Douglas, Edward W., *Surgery*  
 Douglas, R. Gordon, *Obstetrics and Gynecology*  
 Drake, Charles A., *Surgery*  
 Draper, John W., *Surgery*  
 Du Bois, Eugene F., *Medicine*  
 Du Bois, Robert O., *Pediatrics*  
 Dudley, Guilford S., *Surgery*  
 Duley, Wade, *Surgery*  
 Dundee, John C., *Medicine*  
 Dunn, William H., *Psychiatry*  
 Duryee, A. Wilbur, *Medicine*  
 du Vigneaud, Vincent, *Biochemistry*
- Eckel, John H., *Surgery*  
 Edgar, J. Clifton, *Obstetrics and Gynecology*  
 (Emeritus)  
 Edwards, Dayton J., *Physiology* (Assistant  
 Dean)  
 Eggleston, Cary, *Medicine*  
 Elser, William J., *Bacteriology and Pathology*  
 (Emeritus)  
 Erdman, Seward, *Surgery*



- Evans, B. Mildred, *Psychiatry*  
 Evans, John A., *Surgery*  
 Ewing, James, *Pathology (Oncology)*
- Falconer, Frank M., *Medicine*  
 Falk, Emil A., *Medicine*  
 Farr, Charles E., *Surgery*  
 Fashena, Gladys J., *Pediatrics*  
 Fausset, C. Basil, *Surgery*  
 Felter, Robert K., *Surgery*  
 Ferguson, Jeremiah S., *Secretary of the Faculty*  
 Ferris, Henry W., *Pathology*  
 Fitch, Emmett C., *Surgery*  
 Fleishman, Alfred, *Medicine*  
 Fonde, George H., Jr., *Medicine*  
 Foot, N. Chandler, *Surgical Pathology*  
 Forkner, Claude E., *Medicine*  
 Franklin, John E., *Pediatrics*  
 Freund, Jules, *Pathology*  
 Friedman, Ben, *Medicine*  
 Friess, Constance, *Medicine*  
 Fulkerson, Lynn L., *Obstetrics and Gynecology*  
 Furth, Jacob, *Pathology*
- Garrick, Thomas J., *Surgery*  
 Gause, Ralph W., *Obstetrics and Gynecology*  
 Genvert, Harold, *Surgery*  
 Gerster, John C. A., *Surgery*  
 Gibbons, John M., *Medicine*  
 Gibson, Charles L., *Surgery (Emeritus)*  
 Gilmour, Andrew J., *Medicine*  
 Glassman, Oscar, *Obstetrics and Gynecology*  
 Glenn, Frank, *Surgery*  
 Glusker, David, *Medicine*  
 Goff, Byron H., *Obstetrics and Gynecology*  
 Gold, Harry, *Pharmacology*  
 Goodridge, Malcolm, *Medicine*  
 Gordon, Harry H., *Pediatrics*  
 Grace, Arthur W., *Medicine*  
 Graebner, Herbert, *Surgery*  
 Graham, Thomas N., *Medicine*  
 Greeley, Arthur V., *Obstetrics and Gynecology*  
 Greenacre, Phyllis, *Psychiatry*  
 Greenberg, Sidney, *Medicine*  
 Gudger, James R., *Medicine*  
 Guion, Connie M., *Medicine*
- Hahn, Richard G., *Medicine*  
 Hammond, Warner S., *Anatomy*  
 Hanks, James N., *Pediatrics*  
 Hansson, Kristian G., *Surgery*  
 Hardy, James D., *Medicine*  
 Hare, Kendrick, *Physiology*  
 Harlow, Ralph R., *Psychiatry*  
 Harrar, James A., *Obstetrics and Gynecology*  
 Harrington, Helen, *Pediatrics*  
 Harrison, Harold E., *Pediatrics*  
 Hartwell, John A., *Surgery (Emeritus)*
- Hatcher, Robert A., *Pharmacology (Emeritus)*  
 Hauser, Edwin T., *Medicine*  
 Hauser, Louis A., *Medicine*  
 Hausman, Louis F., *Anatomy, Medicine*  
 Hawkes, A. Whitfield, *Medicine*  
 Hawkins, William H., *Obstetrics and Gynecology*  
 Haynes, Irving S., *Surgery (Emeritus)*  
 Hayward, Emeline P., *Psychiatry*  
 Hehre, Edward J., *Bacteriology and Immunology*  
 Helpert, Milton, *Pathology, Medicine*  
 Henry, George W., *Psychiatry*  
 Henshaw, Paul S., *Radiology*  
 Heuer, George J., *Surgery*  
 Hinsey, Joseph C., *Physiology*  
 Hocker, Alfred F., *Radiology*  
 Holland, Arthur L., *Medicine*  
 Holman, Cranston, *Surgery*  
 Holmes, Charles M., *Psychiatry*  
 Holt, Evelyn, *Medicine*  
 Homrich, Leslie A., *Medicine*  
 Hoopes, Benjamin F., *Surgery*  
 Horney, Marianne, *Psychiatry*  
 Horst, Elfriede, *Pediatrics*  
 Hotchkiss, Robert S., *Surgery*  
 Howard, Frederick H., *Medicine*  
 Humphreys, Gustave A., *Surgery*  
 Hunt, Frederick C., *Pediatrics*  
 Huschka, Mabel, *Psychiatry*
- Imboden, Harry M., *Radiology*  
 Irving, George W., *Biochemistry*
- Jackson, Richard W., *Biochemistry*  
 Jacobsen, Leif Y., *Medicine*  
 Jaeger, Ruth Emilie, *Psychiatry*  
 Jaffe, Evelyn, *Bacteriology and Immunology*  
 Jameison, Gerald R., *Psychiatry*  
 James, William T., *Anatomy*  
 Javert, Carl T., *Obstetrics and Gynecology*  
 Jeck, Howard S., *Surgery*  
 Jennings, Percy H., Jr., *Pediatrics*  
 Jensen, D. Rees, *Surgery*  
 Johnson, Scott, *Medicine*
- Kagan, Maurice B., *Medicine*  
 Kahn, Morton C., *Public Health and Preventive Medicine*  
 Kauer, George L., Jr., *Medicine*  
 Kauer, Joseph T., *Surgery*  
 Kautz, Friedrich G., *Radiology*  
 Kelley, S. Farrar, *Surgery*  
 Kelly, LeMoyné C., *Medicine*  
 Kennedy, Foster, *Neurology*  
 Keyes, Edward L., *Surgery (Emeritus)*  
 King, Joseph E. J., *Surgery*  
 Kleiber, Estelle, *Medicine*  
 Klotz, Walter C., *Public Health and Preventive Medicine*

- Knopf, Olga, *Medicine*  
 Koenig, Hedwig, *Pediatrics*  
 Kramer, Milton L., *Medicine*  
 Kuder, Katherine, *Obstetrics and Gynecology*  
 Kuhner, Ann E., *Surgery*  
 Kulthau, Daniel G., *Medicine*
- Ladd, William S., *Dean, Medicine*  
 Lake, Michael, *Medicine*  
 LaMar, Norvelle C., *Psychiatry*  
 Lasher, Earl P., Jr., *Surgery*  
 Lawrence, Edgar A., *Medicine*  
 Lemcke, Dorothea, *Medicine*  
 Levine, Leon I., *Medicine*  
 Levine, Milton I., *Pediatrics*  
 Levine, Samuel Z., *Pediatrics*  
 Lewis, George M., *Medicine*  
 Light, Jacob S., *Pediatrics*  
 Lincoln, Asa L., *Medicine*  
 Lintz, Robert, *Medicine*  
 Lippard, Vernon W., *Pediatrics*  
 Loebel, Robert O., *Medicine*  
 London, Isabel, *Medicine*  
 Lonergan, Michael P., *Psychiatry*  
 Loveless, Mary E. H., *Medicine*  
 Luehrs, Leslie E., *Psychiatry*  
 Lyle, Henry H. M., *Surgery*
- MacDonald, James O., *Surgery*  
 MacFee, William F., *Surgery*  
 Mackie, Thomas T., *Public Health and Preventive Medicine*  
 MacLeod, John, *Physiology*  
 MacNaughter, Elizabeth M., *Surgery*  
 Magill, Thomas P., *Bacteriology and Immunology*  
 Magruder, Samuel R., *Anatomy*  
 Marchetti, Andrew A., *Obstetrics and Gynecology*  
 Marples, Eleanor, *Pediatrics*  
 Marshall, Victor F., *Surgery*  
 Martin, Kirby, *Medicine*  
 Mayer, Arden W., *Biochemistry*  
 Mayer, Edgar, *Medicine*  
 McAuliffe, Gervais W., *Surgery*  
 McCandlish, Howard S., *Obstetrics and Gynecology*  
 McCombs, A. Parks, *Medicine*  
 McDermott, Walsh, *Medicine*  
 McGowan, Frank J., *Surgery*  
 McGrath, John F., *Obstetrics and Gynecology*  
 McKittrick, Robert B., *Medicine*  
 McLane, Charles M., *Obstetrics and Gynecology*  
 McLellan, Allister M., *Surgery*  
 McLellan, Frederick C., *Surgery*  
 McNeil, Edwin E., *Psychiatry*  
 Medl, William T., *Surgery*  
 Mehler, Leopold, *Surgery*  
 Merrill, E. Forrest, *Radiology*  
 Merrill, Frederick H., *Medicine*
- Merriman, Willis E., *Psychiatry*  
 Milhorat, Ade T., *Medicine, Pharmacology*  
 Miller, Gail Lorenz, *Biochemistry*  
 Miller, James E., *Obstetrics and Gynecology*  
 Miller, Lawson E., *Radiology*  
 Miller, Mahlon F., *Obstetrics and Gynecology*  
 Miller, Raymond E., *Medicine*  
 Mittelman, Bela, *Medicine*  
 Modell, Walter, *Pharmacology*  
 Moench, Mary L., *Medicine*  
 Montu, Elizabeth, *Public Health and Preventive Medicine*  
 Moore, Robert A., *Pathology*  
 Moore, Samuel W., *Surgery*  
 Morrill, Charles V., *Anatomy*  
 Moyer, A. W., *Biochemistry*  
 Munly, William C., *Military Medicine*  
 Munn, Charlotte, *Psychiatry*  
 Murphy, John C., *Surgery*  
 Murphy, Willis A., *Medicine*  
 Muschenheim, Carl, *Medicine*
- Nathanson, Joseph N., *Obstetrics and Gynecology*  
 Naus, Ralph W., *Public Health and Preventive Medicine*  
 Neill, James M., *Bacteriology and Immunology*  
 Neugarten, Ludwig, *Obstetrics and Gynecology*  
 Nickel, William F., *Surgery*  
 Niles, Henry D., *Medicine*  
 Niles, Walter L., *Medicine*  
 Nonidez, Jose F., *Anatomy*
- Oesting, Ralph B., *Medicine*  
 Ogilvie, John B., *Surgery*  
 Olcott, Charles T., *Pathology*  
 Opie, Eugene L., *Pathology*  
 Oppel, Theodore W., *Medicine*  
 O'Regan, Charles H., *Pediatrics*  
 O'Regan, John A., *Obstetrics and Gynecology*  
 O'Sullivan, Mary E., *Medicine*  
 Owen, Joseph W., *Psychiatry*
- Pack, George T., *Surgery*  
 Palmer, Arthur, *Surgery*  
 Palmer, Douglass, *Medicine*  
 Papae, Norman, *Medicine*  
 Papanicolaou, George, *Anatomy*  
 Pardee, Harold E. B., *Medicine*  
 Parsons, Herbert, *Surgery*  
 Pastore, John B., *Obstetrics and Gynecology*  
 Patterson, Russel H., *Surgery*  
 Person, Edgar C., *Surgery*  
 Peters, Erwin E., *Medicine*  
 Peters, Frank H., *Medicine*  
 Phillips, Arthur M., *Psychiatry*  
 Phillips, Robert A., *Physiology*  
 Plummer, Norman, *Medicine*  
 Pollack, Herbert, *Medicine*  
 Pool, Eugene H., *Surgery*

- Pope, Edgar M., *Surgery*  
 Rahman, Lincoln, *Psychiatry*  
 Ray, Bronson S., *Surgery*  
 Raynolds, Arthur H., *Medicine*  
 Reese, Martha K., *Pediatrics*  
 Reid, Ada C., *Medicine*  
 Remsen, Douglas B., *Pediatrics, Pathology*  
 Rew, Kenneth G., *Psychiatry*  
 Reznikoff, Paul, *Medicine*  
 Richards, Charles H., *Medicine*  
 Richards, John H., *Medicine*  
 Richardson, Henry B., *Medicine*  
 Ripley, Herbert S., *Psychiatry*  
 Rogers, Helen J., *Medicine*  
 Rogers, John, *Surgery (Emeritus)*  
 Root, Sophie A., *Medicine*  
 Roper, Joseph C., *Medicine*  
 Rosensohn, Meyer, *Obstetrics and Gynecology*  
 Rothbard, Sidney, *Pathology*  
 Rubin, Lionel C., *Medicine*  
 Russell, William L., *Psychiatry (Emeritus)*  
 Ryan, C. Diller, *Psychiatry*  
 Sackett, Nelson B., *Obstetrics and Gynecology*  
 Sammis, Jesse F., *Pediatrics*  
 Samuels, Bernard, *Surgery*  
 Saunders, Edward W., *Surgery*  
 Saxton, John A., Jr., *Pathology*  
 Scanlan, Theresa, *Medicine*  
 Schallert, Paul O., *Anatomy*  
 Schenck, Jay, *Biochemistry*  
 Schloss, Oscar M., *Pediatrics*  
 Schmidt, William M., *Pediatrics*  
 Schumacher, George A., *Medicine*  
 Schwartz, Hans J., *Medicine*  
 Schwartz, Irving, *Radiology*  
 Senn, Milton J. E., *Pediatrics*  
 Sherman, Jacob T., *Obstetrics and Gynecology*  
 Shorr, Ephraim, *Medicine*  
 Smillie, Wilson G., *Public Health and Preventive Medicine*  
 Smith, Carl H., *Pediatrics*  
 Smith, Frank R., *Obstetrics and Gynecology*  
 Smith, Morris K., *Surgery*  
 Snyder, Charles T., *Obstetrics and Gynecology*  
 Spencer, Henry J., *Medicine*  
 Spielman, Aaron D., *Medicine*  
 Spock, Benjamin McL., *Pediatrics*  
 Spofford, Walter R., *Anatomy*  
 Sprague, George S., *Psychiatry*  
 Squier, Raymond R., *Obstetrics and Gynecology*  
 Stander, Henricus J., *Obstetrics and Gynecology*  
 Steele, Kyle B., *Obstetrics and Gynecology*  
 Stetson, Rufus E., *Surgery*  
 Stevens, Alexander R., *Surgery*  
 Stevenson, Lewis D., *Pathology, Medicine*  
 Stewart, Fred W., *Pathology*  
 Stewart, Harold J., *Medicine*  
 Stickney, John W., *Medicine*  
 Stillman, Ralph G., *Medicine*  
 Stimmèl, Benjamin F., *Medicine*  
 Stimson, Philip M., *Pediatrics*  
 Stockard, Charles R., *Anatomy*  
 Stone, Leo, *Psychiatry*  
 Stranahan, Marion, *Psychiatry*  
 Stuenbord, William D., *Medicine*  
 Sugg, J. Y., *Bacteriology and Immunology*  
 Sullivan, Joseph V., *Radiology*  
 Summerson, William H., *Biochemistry*  
 Sutherland, Arthur M., *Medicine*  
 Sutton, John E., Jr., *Surgery*  
 Sweet, Joshua E., *Surgery*  
 Syz, Hans, *Psychiatry*  
 Tarr, Leonard, *Medicine*  
 Timpanelli, Alphonse E., *Medicine*  
 Tolstoi, Edward, *Medicine*  
 Torrey, John C., *Public Health and Preventive Medicine (Epidemiology)*  
 Traut, Herbert F., *Obstetrics and Gynecology*  
 Travell, Janet, *Pharmacology*  
 Truax, Harmon, *Surgery*  
 Tuggle, Allan, *Radiology*  
 Tyndall, Marian, *Medicine*  
 Van Cleave, Charles D., *Anatomy*  
 Van Dyke, Laird S., *Medicine*  
 Van Orden, T. Durland, *Pediatrics*  
 Vicari, Emilia M., *Anatomy*  
 Vietor, John A., *Surgery*  
 Vistreich, Fernand, *Surgery*  
 Wade, Preston A., *Surgery*  
 Waldie, Thomas E., *Pediatrics*  
 Wall, James H., *Psychiatry*  
 Walton, Mary, *Medicine*  
 Warburg, Bettina, *Psychiatry*  
 Ward, George Gray, *Obstetrics and Gynecology (Emeritus)*  
 Warren, Charles O., Jr., *Physiology*  
 Washburn, Wendell J., *Surgery*  
 Washington, John A., *Pediatrics*  
 Watson, Robert F., *Medicine*  
 Weber, Frederick C., Jr., *Medicine*  
 Webster, Bruce, *Medicine*  
 Weeden, W. Morris, *Surgery*  
 Weintraub, Sydney, *Radiology*  
 Werne, Jacob, *Pathology*  
 West, Florence, *Surgery*  
 West, John P., *Surgery*  
 Weymuller, Louis E., *Pediatrics*  
 Wheatley, Marjorie A., *Pediatrics*  
 Wheeler, Charles H., Jr., *Medicine*  
 Wheeler, George W., *Medicine*  
 White, Stephen, *Radiology*  
 Whiting, Frederick, *Surgery (Emeritus)*  
 Williams, Byard, *Medicine*  
 Williams, William R., *Medicine*  
 Williamson, Hervey C., *Obstetrics and Gynecology*

Wilson, May G., *Pediatrics*  
Wing, Lucius A., *Obstetrics and Gynecology*  
Wise, Robert A., *Surgery*  
Witt, Dan H., *Medicine*  
Wolf, Alexander, *Medicine*  
Wolff, Harold G., *Medicine*  
Wood, John L., *Biochemistry*  
Woodward, Katherine F., *Psychiatry*  
Woolsey, George, *Surgery* (Emeritus)

Wortis, Herman, *Medicine*  
Wortis, S. Bernard, *Medicine*  
Wright, Irving S., *Medicine*  
  
Yeomans, Frank C., *Surgery*  
Yntema, Chester L., *Anatomy*  
  
Zucker, Seymour, *Medicine*